



2017

CODE : HO9

प्रश्नपुस्तिका क्रमांक

BOOKLET NO.

प्रश्नपुस्तिका

एकूण प्रश्न : 100

वेळ : 1½ (दीड) तास

चाळणी परीक्षा

एकूण गुण : 200

सूचना

- (1) सदर प्रश्नपुस्तिकेत 100 अनिवार्य प्रश्न आहेत. उमेदवारांनी प्रश्नांची उत्तरे लिहिण्यास सुरुवात करण्यापूर्वी या प्रश्नपुस्तिकेत सर्व प्रश्न आहेत किंवा नाहीत याची खात्री करून घ्यावी. असा तसेच अन्य काही दोष आढळल्यास ही प्रश्नपुस्तिका समवेक्षकांकडून लगेच बदलून घ्यावी.

परीक्षा-क्रमांक

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केंद्राची संकेताक्षरे								शेवटचा अंक	

- (2) आपला परीक्षा-क्रमांक ह्या चौकोनांत न विसरता बॉलपेनने लिहावा.
- (3) वर छापलेला प्रश्नपुस्तिका क्रमांक तुमच्या उत्तरपत्रिकेवर विशिष्ट जागी उत्तरपत्रिकेवरील सूचनेप्रमाणे न विसरता नमूद करावा.
- (4) (अ) या प्रश्नपुस्तिकेतील प्रत्येक प्रश्नाला 4 पर्यायी उत्तरे सुचविली असून त्यांना 1, 2, 3 आणि 4 असे क्रमांक दिलेले आहेत. त्या चार उत्तरांपैकी सर्वात योग्य उत्तराचा क्रमांक उत्तरपत्रिकेवरील सूचनेप्रमाणे तुमच्या उत्तरपत्रिकेवर नमूद करावा. अशा प्रकारे उत्तरपत्रिकेवर उत्तरक्रमांक नमूद करताना तो संबंधित प्रश्नक्रमांकासमोर छायांकित करून दर्शविला जाईल याची काळजी घ्यावी. ह्याकरिता फक्त काळ्या शाईचे बॉलपेन वापरावे, पेन्सिल वा शाईचे पेन वापरू नये.
- (ब) आयोगाने ज्या विषयासाठी मराठी बरोबर इंग्रजी माध्यम विहित केलेले आहे. त्याच विषयाचे प्रश्न मराठी बरोबर इंग्रजी भाषेत देखील छापण्यात आले आहे. त्यामधील इंग्रजीतील किंवा मराठीतील प्रश्नामध्ये मुद्रणदोषांमुळे अथवा अन्य कारणांमुळे विसंगती निर्माण झाल्याची शंका आल्यास, उमेदवाराने संबंधित प्रश्न पर्यायी भाषेतील प्रश्नाशी ताडून पहावा.
- (5) सर्व प्रश्नांना समान गुण आहेत. यास्तव सर्व प्रश्नांची उत्तरे द्यावीत. घाईमुळे चुका होणार नाहीत याची दक्षता घेऊनच शक्य तितक्या वेगाने प्रश्न सोडवावेत. क्रमाने प्रश्न सोडविणे श्रेयस्कर आहे पण एखादा प्रश्न कठीण वाटल्यास त्यावर वेळ न घालविता पुढील प्रश्नाकडे वळावे. अशा प्रकारे शेवटच्या प्रश्नापर्यंत पोहोचल्यानंतर वेळ शिल्लक राहिल्यास कठीण म्हणून वाळलेल्या प्रश्नांकडे परतणे सोईस्कर ठरेल.
- (6) उत्तरपत्रिकेत एकदा नमूद केलेले उत्तर खोडता येणार नाही. नमूद केलेले उत्तर खोडून नव्याने उत्तर दिल्यास ते तपासले जाणार नाही.
- (7) प्रस्तुत परीक्षेच्या उत्तरपत्रिकांचे मूल्यांकन करताना उमेदवाराच्या उत्तरपत्रिकेतील योग्य उत्तरांनाच गुण दिले जातील. तसेच "उमेदवाराने वस्तुनिष्ठ बहुपर्यायी स्वरूपाच्या प्रश्नांची दिलेल्या चार उत्तरांपैकी सर्वात योग्य उत्तरेच उत्तरपत्रिकेत नमूद करावीत. अन्यथा त्यांच्या उत्तरपत्रिकेत सोडविलेल्या प्रत्येक चार चुकीच्या उत्तरांसाठी एका प्रश्नाचे गुण वजा करण्यात येतील".

ताकीद

ह्या प्रश्नपत्रिकेसाठी आयोगाने विहित केलेली वेळ संपेपर्यंत ही प्रश्नपुस्तिका आयोगाची मालमत्ता असून ती परीक्षाकक्षात उमेदवाराला परीक्षेसाठी वापरण्यास देण्यात येत आहे. ही वेळ संपेपर्यंत सदर प्रश्नपुस्तिकेची प्रत/प्रती, किंवा सदर प्रश्नपुस्तिकेतील काही आशय कोणत्याही स्वरूपात प्रत्यक्ष वा अप्रत्यक्षपणे कोणत्याही व्यक्तीस पुरविणे, तसेच प्रसिद्ध करणे हा गुन्हा असून अशी कृती करणाऱ्या व्यक्तीवर शासनाने जारी केलेल्या "परीक्षांमध्ये होणाऱ्या गैरप्रकारांना प्रतिबंध करण्याबाबतचा अधिनियम-82" यातील तरतुदीनुसार तसेच प्रचलित कायद्याच्या तरतुदीनुसार कारवाई करण्यात येईल व दोषी व्यक्ती कमाल एक वर्षाच्या कारावासाच्या आणि/किंवा रुपये एक हजार रकमेच्या दंडाच्या शिक्षेस पात्र होईल. तसेच ह्या प्रश्नपत्रिकेसाठी विहित केलेली वेळ संपण्याआधी ही प्रश्नपुस्तिका अनधिकृतपणे बाळगणे हा सुद्धा गुन्हा असून तसे करणारी व्यक्ती आयोगाच्या कर्मचारीवृंदापैकी, तसेच परीक्षेच्या पर्यवेक्षकीयवृंदापैकी असली तरीही अशा व्यक्तीविरुद्ध उक्त अधिनियमानुसार कारवाई करण्यात येईल व दोषी व्यक्ती शिक्षेस पात्र होईल.

पुढील सूचना प्रश्नपुस्तिकेच्या शेवटच्या पानावर पहा

पर्यवेक्षकांच्या सूचनेविना हे सील उघडू नये

कच्च्या कामासाठी जागा /SPACE FOR ROUGH WORK

MpscGuidance

1. 'सुकन्या समृद्धी खाते' याबाबतीत खालील विधाने विचारात घ्या :

- (a) या योजनेखाली केवळ पोस्ट ऑफिसमध्येच खाते उघडता येते.
- (b) दहा वर्षे वयाखालील मुलीसाठी सदर खाते उघडता येते.
- (c) खाते उघडण्यासाठी सुरुवातीची रक्कम ₹ 1000 आहे.
- (d) या खात्यात दरवर्षी जास्तीत जास्त ₹ 1,50,000 जमा करण्याची मर्यादा आहे.

योग्य पर्याय निवडा :

- (1) (a), (b), (c) (2) (a), (b), (d) (3) (b), (c), (d) (4) (a), (b), (c), (d)

Consider the following statements about 'Sukanya Samriddhi Account' :

- (a) Under the scheme account will be opened in a post office only.
- (b) The Account can be opened for girl child below the age of 10.
- (c) The opening amount for the account is ₹ 1000
- (d) The maximum limit for deposit in the account is ₹ 1,50,000 per year.

Choose the correct option :

- (1) (a), (b), (c) (2) (a), (b), (d) (3) (b), (c), (d) (4) (a), (b), (c), (d)

2. 'महाराष्ट्र सामाजिक बहिष्कारापासून व्यक्तींचे संरक्षण (अटकाव, प्रतिबंध व सुधार) अधिनियम - 2016' बाबत खालीलपैकी कोणते विधान चुकीचे आहे ?

- (1) सामाजिक बहिष्कारासंबंधीचे विधेयक महाराष्ट्र विधिमंडळाद्वारे एप्रिल 2016 मध्ये मंजूर करण्यात आले.
- (2) सामाजिक बहिष्कार हा प्रकार गुन्हा ठरवून तसा कायदा मंजूर करणारे महाराष्ट्र हे देशातील पहिले राज्य ठरले आहे.
- (3) दोषी आढळणाऱ्यास तीन वर्षांपर्यंतचा तुरुंगवास अथवा एक लाख रुपये दंड अथवा दोन्हीही अशी शिक्षेची तरतूद यात आहे.
- (4) बरीलपैकी एकही नाही

Which one of the following statements about 'Maharashtra Prohibition of People from Social Boycott (Prevention, Prohibition and Redressal) Act-2016 is incorrect ?

- (1) With reference to the social boycott the Bill passed by the Maharashtra Legislature in April 2016.
- (2) Maharashtra becomes the first state in the country to enact such a law, making social boycott a crime.
- (3) It provides for an imprisonment of up to three years or Rupees one lakh fine or both, anyone found guilty.
- (4) None of the above

कच्च्या कामासाठी जागा /SPACE FOR ROUGH WORK

P.T.O.

3. कामकाजाच्या 327 दिवसांत 6065 प्रकरणे निकाली काढण्यासाठी खालील कोणत्या कौटुंबिक न्यायालयाच्या न्यायाधीशांनी गिनीज वर्ल्ड रेकॉर्ड केले आहे ?

- | | |
|-----------------|---------------------|
| (1) संजय पांडा | (2) तेज बहादूर सिंह |
| (3) विपिन पारिख | (4) अशोक कुमार रावत |

Who among the following family court judge has set a Guinness World Record for disposing of 6065 cases in just 327 working days ?

- | | |
|------------------|-----------------------|
| (1) Sanjay Panda | (2) Tej Bahadur Singh |
| (3) Vipin Parikh | (4) Ashok Kumar Rawat |

4. अयोग्य कथन ओळखा :

- (1) 'जागतिक आनंद निर्देशांक' युनोद्वारे दरवर्षी प्रकाशित केला जातो.
- (2) पहिला अहवाल हा 2012 मध्ये प्रकाशित केला होता.
- (3) आंतरराष्ट्रीय आनंद दिवस हा 20 एप्रिल रोजी साजरा केला जातो.
- (4) 2017 च्या अहवालानुसार भारत हा बहुसंख्य सार्क देशांच्या मागे आहे.

Identify the incorrect statement :

- (1) 'The World Happiness Index' is published annually by the UN.
- (2) First report was published in 2012.
- (3) International Day of Happiness is celebrated on 20th April.
- (4) As per report of 2017, India was behind majority of SAARC nations.

कच्च्या कामासाठी जागा /SPACE FOR ROUGH WORK

5. जोड्या लावा :

'अ' (खेळ)	'ब' (खेळाडू)
(a) उंच उडी	(i) सारीका काळे
(b) कॅरम	(ii) संदिप देवरूखकर
(c) जिम्नॅस्टिक्स	(iii) दिपा कर्माकर
(d) खो खो	(iv) मरीय्यप्पन थांगवेलू

पर्यायी उत्तरे :

(a)	(b)	(c)	(d)
(1) (i)	(ii)	(iii)	(iv)
(2) (iv)	(ii)	(iii)	(i)
(3) (i)	(iii)	(iv)	(ii)
(4) (iv)	(iii)	(ii)	(i)

Match the pairs :

'A' (Sports)	'B' (Sportsperson)
(a) High Jump	(i) Sarika Kale
(b) Carrom	(ii) Sandip Devrukhkar
(c) Gymnastics	(iii) Deepa Karmakar
(d) Kho Kho	(iv) Mariyappan Thangvelu

Answer Options :

(a)	(b)	(c)	(d)
(1) (i)	(ii)	(iii)	(iv)
(2) (iv)	(ii)	(iii)	(i)
(3) (i)	(iii)	(iv)	(ii)
(4) (iv)	(iii)	(ii)	(i)

कच्च्या कामासाठी जागा /SPACE FOR ROUGH WORK

P.T.O.

6. नुकत्याच घोषित झालेल्या सहाव्या जागतिक न्याय प्रकल्पाच्या 'कायद्याचे अधिराज्य सूची' (Sixth World Justice Project's Rule of Law Index') संदर्भात खालील विधाने विचारात घ्या :

- (a) भारताचा 113 देशात 66 वा क्रमांक होता.
- (b) भारत हा आपल्या ब्रिक्स सहकारी चीन व रशियापेक्षा अधिक चांगल्या स्थितीत होता.
- (c) नॉर्वे प्रथमस्थानी होता.
- (d) कंबोडिया यादीत शेवटच्या स्थानी होता.

वरीलपैकी कोणती विधाने बरोबर आहेत ?

- (1) (a), (b), (c) (2) (b), (c), (d) (3) (a), (b) (4) (a), (d)

Consider the following statements regarding 'Sixth World Justice Project's Rule of Law Index' released recently :

- (a) India ranked 66th among 113 countries.
- (b) India was better than its BRICS peers China and Russia.
- (c) Norway ranked No. 1.
- (d) Cambodia was at the bottom of the rank.

Which of the statements given above are correct ?

- (1) (a), (b), (c) (2) (b), (c), (d) (3) (a), (b) (4) (a), (d)

7. अयोग्य कथन ओळखा :

- (1) भारतात बाल कामगार हे 'बाल कामगार (प्रतिबंध आणि नियमन) कायदा - 1986' सरकार द्वारे संचालित केले जात होते.
- (2) संसदेने जुलै 2016 मध्ये 'बाल कामगार (प्रतिबंध आणि नियमन) दुरुस्ती विधेयक मंजूर केले आहे.
- (3) या दुरुस्ती विधेयक 2016 खाली येणाऱ्या गुन्ह्यांसाठी जास्तीत जास्त ₹ 1,00,000 दंडाची तरतूद आहे.
- (4) वरीलपैकी एकही नाही

Identify the incorrect statement :

- (1) Child labour in India was governed by the 'Child Labour' (Prohibition and Regulation) Act, 1986.
- (2) The Child Labour (Prohibition and Regulation) Amendment Bill was passed by the Parliament in July 2016.
- (3) The maximum penalty for offences under Amendment Bill, 2016 is ₹ 1,00,000
- (4) None of the above

कच्च्या कामासाठी जागा /SPACE FOR ROUGH WORK

8. 'दक्षिण आशिया उप-विभागीय आर्थिक सहकार्य' (SASEC) बाबत खालीलपैकी कोणते विधान अयोग्य आहे ?

- (1) स्थापना 2001 मध्ये
- (2) मुख्यालय मनिला येथे
- (3) पाकिस्तान सदस्य आहे
- (4) म्यानमार हा 7 वा सदस्य बनला आहे

Which one of the following statements about 'South Asia Sub-Regional Economic Co-operation (SASEC) is **incorrect** ?

- (1) Set up in 2001
- (2) Headquarter is at Manila
- (3) Pakistan is a Member
- (4) Myanmar becomes 7th member

9. 'भारतातील सर्वाधिक स्वच्छ जिल्ह्यांमध्ये' महाराष्ट्रातील कोणत्या जिल्ह्यांचा समावेश करण्यात आला आहे ?

- (a) सिंधुदुर्ग
- (b) सातारा
- (c) सोलापूर
- (d) कोल्हापूर

पर्यायी उत्तरे :

- (1) फक्त (a), (b), (c)
- (2) फक्त (a), (b), (d)
- (3) फक्त (a), (c), (d)
- (4) फक्त (b), (c), (d)

Which districts of Maharashtra are included in 'Most Clean Districts of India ?'

- (a) Sindhudurg
- (b) Satara
- (c) Solapur
- (d) Kolhapur

Answer Options :

- (1) Only (a), (b), (c)
- (2) Only (a), (b), (d)
- (3) Only (a), (c), (d)
- (4) Only (b), (c), (d)

10. યોગ્ય કથને ઓલ્લખા :

- (a) 'स्लिपिंग ऑन द ज्युपिटर' हा ग्रंथ अनुराधा रॉय यांनी लिहिला.
- (b) अनुराधा रॉय यांना दक्षिण आशियाई साहित्य पुरस्कार प्राप्त झाला.
- (c) अनुराधा रॉय यांना मॅन बुकर पुरस्कार प्राप्त झाला.

पर्यायी उत्तरे :

- (1) फक्त (a), (b) (2) फक्त (a), (c)
(3) फक्त (b), (c) (4) वरील सर्व

Select the **correct** statements :

- 'Sleeping on the Jupiter' is written by Anuradha Roy.
- Anuradha Roy won the South Asian Literature Award.
- Anuradha Roy won the Man Booker Award.

Answer Options :

- (1) Only (a), (b) (2) Only (a), (c)
(3) Only (b), (c) (4) All of the above

11. 2017 मध्ये बर्मिंघम, इंग्लंडमध्ये एका कार्यक्रमात भारतीय वंशाच्या महिलेचे नाव सांगा जिने 'आशियाई उद्योजक ऑफ दी इयर' जिंकलं?

- (1) आशा खेमका (2) किरण खेळकर
(3) विभा बेदी (4) अरुणा चंदा

Name the Indian-origin woman who was named 'Asian Businesswoman of the Year' at an event in Birmingham, England in 2017 ?

- (1) Asha Khemka (2) Kiran Khelkar
(3) Vibha Bedi (4) Aruna Chanda

12. 'ऑस्कर पुरस्कार - 2017' बाबत खालीलपैकी कोणती जोडी बिनचूक नाही ?

- | | | |
|-----------------------|---|----------------------------|
| (1) उत्कृष्ट नायक | - | कैसे अफ्लेक (मुनलाईट) |
| (2) उत्कृष्ट नायिका | - | ईमा स्टोन (ला ला लँड) |
| (3) उत्कृष्ट सहनायक | - | महेरशाला अली (मुनलाईट) |
| (4) उत्कृष्ट सहनायिका | - | व्हायोला डेव्हिस (फेन्सेस) |

Which of the following pairs about 'Oscar Awards - 2017' is **incorrectly** matched ?

- | | | |
|-----------------------------|---|----------------------------|
| (1) Best Actor | - | Casey Affleck (moonlight) |
| (2) Best Actress | - | Emma stone (La La Land) |
| (3) Best Supporting Actor | - | Mahershala Ali (Moonlight) |
| (4) Best Supporting Actress | - | Viola Davis (Fences) |

13. जागतिक होमियोपैथीचा दिवस जागतिक स्तरावर _____ ला साजरा केला जातो.

- | | | | |
|---------------|---------------|--------------|---------------|
| (1) 15 एप्रिल | (2) 13 एप्रिल | (3) 17 मार्च | (4) 10 एप्रिल |
|---------------|---------------|--------------|---------------|

World Homeopathy Day is observed globally on _____.

- | | | | |
|--------------|--------------|--------------|--------------|
| (1) 15 April | (2) 13 April | (3) 17 March | (4) 10 April |
|--------------|--------------|--------------|--------------|

14. केंद्र शासनाच्या 'उदय' (UDAY) योजनेचा खालीलपैकी कोणता उद्देश आहे ?

- (1) ऊर्जा क्षेत्रातील स्टार्ट अप उद्योजकांना तांत्रिक आणि आर्थिक सहाय्य प्रदान करणे.
- (2) देशातील प्रत्येक घरासाठी 2018 पर्यंत वीज प्रदान करणे.
- (3) कोळशावर आधारित ऊर्जा प्रकल्पांना नैसर्गिक वायू, आण्विक, सौर आणि पवन ऊर्जा प्रकल्पांमध्ये परिवर्तित करणे.
- (4) वीज वितरण कंपन्यांच्या आर्थिक कार्यवाही आणि पुनर्जीवनासाठी उपाययोजना प्रदान करणे.

Which one of the following is a purpose of UDAY, the scheme of the Union Government ?

- (1) Providing technical and financial assistance to start-up entrepreneurs in the field of energy.
- (2) Providing electricity to every household in the country by 2018.
- (3) Replacing the coal based power plants with natural gas, nuclear, solar and wind power plants.
- (4) Providing solution for financial turnaround and revival of power distribution companies.

कच्च्या कामासाठी जागा /SPACE FOR ROUGH WORK

P.T.O.

15. 'शांतीस्वरूप भटनागर' पुरस्काराबाबत खालील विधाने विचारात घ्या :

- (a) याची स्थापना 1958 मध्ये 'कौन्सिल ऑफ सायंटिफिक अँड इंडस्ट्रीअल रिसर्च' (CSIR) तर्फे झाली.
- (b) तो सी.एस.आय.आर. चे संस्थापक महासंचालक व पद्मभूषण प्राप्तकर्ते डॉ. शांतीस्वरूप भटनागर यांच्या सन्मानार्थ दिला जातो.
- (c) रिषीकेश नारायणन आणि सुरेंद्रनाथ भट्टाचार्य हे 2016 चे जैविक विज्ञानातील विजेते आहेत.

पर्यायी उत्तरे :

- (1) विधाने (a) आणि (b) बरोबर आहेत (2) विधाने (b) आणि (c) बरोबर आहेत
- (3) विधाने (a), (b) आणि (c) बरोबर आहेत (4) केवळ विधान (b) बरोबर आहे

Consider the following statements about 'Shanti Swarup Bhatnagar' Prize :

- (a) It was instituted in 1958 by the Council of Scientific and Industrial Research (CSIR).
- (b) It is given in honour of Dr. Shanti Swarup Bhatnagar founder director general of CSIR and recipient of Padmabhushan.
- (c) Rishikesh Narayanan and Surendranath Bhattacharya are the winner of 2016 in Biological Sciences.

Answer Options :

- (1) Statements (a) and (b) are correct (2) Statements (b) and (c) are correct
- (3) Statements (a), (b) and (c) are correct (4) Only statement (b) is correct

16. 'युनोस्को/ग्युल्लेर्मो कानो विश्व वृत्तपत्र स्वातंत्र्य पुरस्कार - 2017' कोणी प्राप्त केला आहे ?

- (1) खदिजा ईस्माईलोव्हा - अझरबैजान
- (2) माझेन दरविश - सिरिया
- (3) अहमेट सिक - तुर्की
- (4) ड्विट इस्साक - स्वीडन/इरिट्रिया

Who received the 'UNESCO/Guillermo Cano World Press Freedom Prize - 2017' ?

- (1) Khadija Ismayilova - Azerbaijan
- (2) Mazen Darwish - Syria
- (3) Ahmet Sik - Turkey
- (4) Dawit Isaak - Sweden/Eritrea

कच्च्या कामासाठी जागा /SPACE FOR ROUGH WORK

17. जोड्या लावा :

‘अ’ (लेखक)

‘ब’ (ग्रंथ)

- | | |
|------------------|-------------------------------|
| (a) रूचिर शर्मा | (i) द टर्न ऑफ द टॉरटॉइज |
| (b) पॉल बेट्टी | (ii) द ग्रेट डिरेजमेंट |
| (c) अमिताव घोष | (iii) द सेलआऊट |
| (d) टी.एन. नायनन | (iv) द राईझ अँड फॉल ऑफ नेशन्स |

पर्यायी उत्तरे :

- | | (a) | (b) | (c) | (d) |
|-----|------|-------|-------|------|
| (1) | (iv) | (iii) | (ii) | (i) |
| (2) | (iv) | (ii) | (iii) | (i) |
| (3) | (i) | (iii) | (ii) | (iv) |
| (4) | (i) | (ii) | (iii) | (iv) |

Match the pairs :

‘A’ (Author)

‘B’ (Books)

- | | |
|-------------------|-----------------------------------|
| (a) Ruchir Sharma | (i) The Turn of the Tortoise |
| (b) Paul Betti | (ii) The Great Derangement |
| (c) Amitav Ghosh | (iii) The Sellout |
| (d) T.N. Ninan | (iv) The Rise and fall of Nations |

Answer Options :

- | | (a) | (b) | (c) | (d) |
|-----|------|-------|-------|------|
| (1) | (iv) | (iii) | (ii) | (i) |
| (2) | (iv) | (ii) | (iii) | (i) |
| (3) | (i) | (iii) | (ii) | (iv) |
| (4) | (i) | (ii) | (iii) | (iv) |

18. ‘जागतिक मूत्रपिंड दिवस - 2017’ हा _____ या घोषवाक्याने साजरा केला गेला.

- | | |
|---------------------------------|------------------------------------|
| (1) जीवनासाठी मूत्रपिंड दान करा | (2) सर्वांसाठी मुत्रपिंडाचे आरोग्य |
| (3) मूत्रपिंड विकार आणि लठ्ठपणा | (4) जीवनासाठी मूत्रपिंड |

‘World Kidney Day - 2017’ was observed with the theme _____.

- | | |
|-------------------------------|---------------------------|
| (1) Donate kidneys for life | (2) Kidney Health for all |
| (3) Kidney Disease and obsity | (4) Kidney’s for life |

कच्च्या कामासाठी जागा /SPACE FOR ROUGH WORK

P.T.O.

19. जगातील पहिली नदी कोणती, जिला मानवास जे कायदेशीर अधिकार असतात ते मिळाले आहेत ?

- | | |
|--------------------|--------------|
| (1) अमेझॉन नदी | (2) नाईल नदी |
| (3) व्हांगन्यू नदी | (4) गंगा नदी |

Which river became the first in the world to get same legal rights as a human being ?

- | | |
|---------------------|-----------------|
| (1) River Amazon | (2) River Nile |
| (3) River Whanganui | (4) River Ganga |

20. ऑस्ट्रेलियन ओपन 2017 मिश्र दुहेरी विजेतेपद कोणी जिंकले ?

- | |
|----------------------------------|
| (1) लिण्डर पेस /मार्टिना हिंगिस |
| (2) जर्मेन गोल्डिंग/मॅक्स मिर्नी |
| (3) इवान डोडिग /सानिया मिर्झा |
| (4) जुआन काबाल /अबीगैल स्पीयर |

Who has won the Australian Open 2017 Mixed Doubles title ?

- | |
|---------------------------------|
| (1) Leander Paes/Martina Hingis |
| (2) Germaine Golding/Max Mirnyi |
| (3) Ivan Dodig/Sania Mirza |
| (4) Juan Cabal/Abigail Spears |

21. माहिती अधिकार अधिनियम 2005 नुसार प्रथम अपील जास्तीत जास्त किती दिवसात निकाली काढायला पाहिजे ?

- | | | | |
|---------------|---------------|---------------|---------------|
| (1) 30 दिवसात | (2) 60 दिवसात | (3) 90 दिवसात | (4) 45 दिवसात |
|---------------|---------------|---------------|---------------|

Maximum period allowed for deciding first appeal under Right to Information Act, 2005 is :

- | | | | |
|-------------|-------------|-------------|-------------|
| (1) 30 days | (2) 60 days | (3) 90 days | (4) 45 days |
|-------------|-------------|-------------|-------------|

कच्च्या कामासाठी जागा /SPACE FOR ROUGH WORK

22. राज्य माहिती आयोगाचे असे मत झाले की, राज्य जन माहिती अधिकाऱ्याने, कोणत्याही वाजवी कारणाशिवाय माहिती मिळण्याबाबतचा अर्ज स्वीकारण्यास नकार दिला आहे, तर तो अर्ज स्वीकारे पर्यंत त्यास प्रत्येक दिवसाला _____ इतकी शास्ती लादली जाईल.

- (1) शंभर रुपये
- (2) एकशे पन्नास रुपये
- (3) दोनशे रुपये
- (4) दोनशे पन्नास रुपये

If the State Information Commission is satisfied that, the state Public Information officer, has without any reasonable cause, refused to receive an application, he shall impose a penalty of _____ each day till the application is received.

- (1) one hundred rupees
- (2) one hundred and fifty rupees
- (3) two hundred rupees
- (4) two hundred and fifty rupees

23. माहिती अधिकार अधिनियम, 2005 च्या अनुषंगाने _____ 'माहितीचा अधिकार' असेल.

- (1) भारतात राहणाऱ्या लोकांना
- (2) फक्त नोकरी करणाऱ्या नागरिकांस
- (3) फक्त केंद्र सरकारच्या अधिकाऱ्यांना
- (4) सर्व नागरिकांना

The 'right to information' under the Right to Information Act, 2005 is conferred upon _____.

- (1) People living in India
- (2) Only to the citizens doing job
- (3) Only to officers under Central Government
- (4) All citizens

24. माहितीच्या अधिकारात, या अधिकारांचा समावेश होतो.

- (a) एखादे काम, दस्तऐवज, अभिलेख यांची पाहणी करणे.
- (b) दस्तऐवजांच्या किंवा अभिलेखांच्या टिपण्या, उतारे किंवा प्रमाणित प्रती घेणे.
- (c) सामग्रीचे प्रमाणित नमुने घेणे.
- (d) डिस्केट्स, फ्लॉपी, टेप, व्हिडीओ कॅसेट या स्वरूपातील किंवा कोणत्याही अन्य इलेक्ट्रॉनिक प्रकारातील माहिती.

वरीलपैकी कोणते विधान/विधाने बरोबर आहेत ?

- (1) (a) फक्त
- (2) (a) आणि (b) फक्त
- (3) (c) आणि (d) फक्त
- (4) वरील सर्व

Right to information includes :

- (a) Right to inspection of work, documents, records.
- (b) taking notes, extracts or certified copies of documents or records.
- (c) taking certified samples of material.
- (d) Obtaining information in the form of diskettes, floppies, tapes, video cassettes or in any other electronic mode etc.

Which of the statement given above is/are correct ?

- (1) (a) only
- (2) (a) and (b) only
- (3) (c) and (d) only
- (4) All the above

25. राज्य मुख्य माहिती आयुक्त, ज्या दिनांकास आपले पद धारण करील त्या दिनांकापासून _____ वर्षांच्या कालावधीसाठी ते पद धारण करील.

- (1) दोन
- (2) तीन
- (3) चार
- (4) पाच

The State Chief Information Commissioner shall hold office for a term of _____ years from the date on which he enters upon his office.

- (1) two
- (2) three
- (3) four
- (4) five

कच्च्या कामासाठी जागा /SPACE FOR ROUGH WORK

26. Read the following statements :

- (a) During treatment of tetanus, the administration of tetanus antitoxin becomes ineffective after 48 hrs.
- (b) Tetanus toxins produced by *Clostridium tetani* are transmitted to brain by peripheral nerves.

Now state whether :

- (1) Both the statements are correct
 - (2) Both the statements are false
 - (3) First statement is correct not the second
 - (4) First statement is false and second is correct
-

27. State which of the following statements is **incorrect** for 'vagus indigestion' in cattle ?

- (1) Inappetence is observed for several days.
 - (2) Gradual distention on right abdomen with atony of rumen.
 - (3) Scanty feces and failure to respond to medical therapy.
 - (4) Loss of body condition and varying degrees of dehydration.
-

28. Identify which of the following symptom is not of zinc deficiency in farm animals ?

- (1) Poor growth, low food intake, rough hair coat
 - (2) Testicular hypoplasia
 - (3) Keratinized skin on hind limbs
 - (4) Congenital limb deformity
-

29. The following statements are clinical signs of Vestibular disease in animals. State which of the following statement is **not correct** ?

- (1) The animals affected with vestibular disease shows staggering or circling.
 - (2) Nystagmus of eye ball either vertically or horizontally is observed.
 - (3) Facial paralysis is one of the sign of vestibular disease.
 - (4) Blindness is common finding in animals affected with Vestibular disease.
-

कच्चा कामासाठी जागा /SPACE FOR ROUGH WORK

P.T.O.

30. Which of the following statements regarding pathogenesis of disseminated intravascular coagulopathy (DIC) is wrong ?

- (1) The augmentation of clotting mechanisms can result in depletion of platelets, factors V, VIII, XIII.
- (2) Elevated fibrinogen levels in association with the formation of fibrin clots in microvasculature.
- (3) Tissue perfusion is decreased which leads to tissue hypoxia.
- (4) Bleeding tendencies develops in affected animals.

31. Match disease with it's synonym :

- | | |
|---------------------------------------|-----------------------|
| (a) Necrotic rhinitis | (i) Orf |
| (b) Infectious bovine rhinotracheitis | (ii) Charbone disease |
| (c) Contagious ecthyma | (iii) Red Nose |
| (d) Anthrax | (iv) Bull nose |

Answer Options :

- | | (a) | (b) | (c) | (d) |
|-----|-------|-------|-------|-------|
| (1) | (iii) | (iv) | (i) | (ii) |
| (2) | (iv) | (i) | (iii) | (ii) |
| (3) | (iv) | (iii) | (i) | (ii) |
| (4) | (i) | (ii) | (iv) | (iii) |

32. Tumour involves gingiva at the dental border or in interdental spaces is :

- | | |
|------------------|-------------------|
| (1) Odontoma | (2) Epulis |
| (3) Adomantinoma | (4) Dental Caries |

33. Consider the following statements :

- (a) Accumulation of gases exert tremendous pressure over the diaphragm and ribs in acute bloat in small ruminants.
- (b) Hypoventilation and decreased venous return to the heart occurs in acute bloat in small ruminants.

Now state whether :

- (1) Both the statements are correct but second is not the result of the first.
- (2) Both the statements are correct and second is the result of the first.
- (3) Neither of the statement is correct.
- (4) The first statement is correct not the second.

कच्चा कामासाठी जागा /SPACE FOR ROUGH WORK

34. A state of mild degree central depression in which patient is awake but calm and free from nervousness ?

- (1) Sedation (2) Tranquilization (3) Hypnosis (4) Narcosis

35. Match the terms for defect of eye ball with its meaning (use correct codes) :

Terms	Meaning
(a) Strabismus	(i) Abnormal protrusion of the globe.
(b) Buphthalmos	(ii) Absence of the eyeball.
(c) Anophthalmos	(iii) Deviation of the globe from its proper axis.
(d) Exophthalmos	(iv) Bulging of the eyeball due to excessive fluid in the anterior chamber.

Answer Options :

- | | | | | |
|-----|-------|-------|-------|-----|
| | (a) | (b) | (c) | (d) |
| (1) | (iv) | (iii) | (ii) | (i) |
| (2) | (iii) | (iv) | (ii) | (i) |
| (3) | (ii) | (iv) | (iii) | (i) |
| (4) | (iii) | (ii) | (iv) | (i) |

36. Consider the following statements :

- (a) In Buttress foot, an enlargement at the coronary band at the center of the hoof is seen.
- (b) New bone growth due to healing of fracture or periostitis of the extensor process occurs in Buttress foot.

Now state whether :

- (1) Neither of the statements are correct.
- (2) The first statement is correct not the second.
- (3) Both the statements are correct but the second is not the correct explanation of the first.
- (4) Both the statements are correct and second is the correct explanation of the first.

37. The agent that used to reduce salivation and bronchial secretions in dogs is :

- (1) Triflupromazine HCl (2) α_2 adrenoceptor agonists
- (3) Anticholinergic (4) Neuroleptanalgesic

कच्चा कामासाठी जागा /SPACE FOR ROUGH WORK

P.T.O.

38. The most common site for obstruction of urinary calculi in cattle is :

- | | |
|-------------------------------|----------------------|
| (1) Distal to sigmoid flexure | (2) Neck of bladder |
| (3) Urinary bladder | (4) Urethral process |
-

39. Frozen semen straws are maintained in liquid nitrogen containers at what temperature ?

- | | | | |
|-------------|--------------|-------------|--------------|
| (1) - 72 °C | (2) - 196 °F | (3) - 72 °F | (4) - 196 °C |
|-------------|--------------|-------------|--------------|
-

40. The fremitus can first be felt in cattle from :

- | | |
|----------------------------------|----------------------------------|
| (1) 30 to 60 days of pregnancy | (2) 80 to 120 days of pregnancy |
| (3) 180 to 190 days of pregnancy | (4) 210 to 220 days of pregnancy |
-

41. Dystokia due to failure of cervix to dilate in ewes is known as :

- | | |
|----------------|-----------------|
| (1) Digit womb | (2) Ring womb |
| (3) Tight womb | (4) Narrow womb |
-

42. Which of the following testicular pathology is **not** due to congenital or hereditary causes ?

- | | |
|---------------------------|-----------------------------|
| (1) Testicular hypoplasia | (2) Testicular degeneration |
| (3) Cryptorchidism | (4) None of above |
-

43. To relieve uterine torsion buffalo is rolled in which direction ?

- | | |
|-------------------------------|-----------------------------------|
| (1) same direction of torsion | (2) opposite direction of torsion |
| (3) backward direction | (4) forward direction |
-

44. Pyometra in cattle is characterised by :

- (a) Accumulation of pus in uterus
- (b) Retained corpus luteum
- (c) Perrectally thickened uterine wall

Answer Options :

- | | |
|-----------------------------|-----------------------------|
| (1) (a) and (b) are correct | (2) (a) and (c) are correct |
| (3) (b) and (c) are correct | (4) All are correct |
-

कच्चा कामासाठी जागा /SPACE FOR ROUGH WORK

45. Luteal cysts in cows are :

- (a) an ovulatory follicles over 2-5 cm in diameter which are partially Luteinized
- (b) softer and thick walled
- (c) characterized by nymphomania

Answer Options :

- (1) (a) and (c) are correct
 - (2) (b) and (c) are correct
 - (3) (a) and (b) are correct
 - (4) none are correct
-

46. Babesiosis produces :

- (1) Hemolytic jaundice
 - (2) Toxic jaundice
 - (3) Obstructive jaundice
 - (4) Idiopathic jaundice
-

47. Wooden tongue is caused by :

- (1) Actinobacillus
 - (2) Actinomyces
 - (3) Botriomyces
 - (4) Mycoplasma
-

48. Venereal transmission leading to abortion occurs in which of the following protozoan infection/infections ?

- (1) Bovine Tritrichomonosis
 - (2) Ovine Toxoplasmosis
 - (3) Canine Neosporosis
 - (4) All of the above
-

49. Control of three host tick is difficult than that of one host tick because :

- (a) Life - cycle of three host tick involves three different animals Harboursing different stages viz. larvae, nymphs and adults
- (b) Both the moults in the life-cycle of one host tick occur on the ground
- (c) Both the moults in the life-cycle of three host tick occur on the ground
- (d) One host tick has less biotic potential than that of three host tick

Which of the statements given above is/are correct ?

- (1) (a) and (b)
 - (2) (a) and (c)
 - (3) (c) only
 - (4) (d) only
-

कच्चा कामासाठी जागा /SPACE FOR ROUGH WORK

P.T.O.

50. Name the test described below :

- (a) Mixing of soluble antigen with strong antiserum (reactants)
- (b) The mixture becomes cloudy and flocculent
- (c) The reactants are in optimal proportions such that the lattice formed becomes insoluble.

Now choose the correct answer :

- | | |
|-------------------|---------------------------|
| (1) Agglutination | (2) Neutralization |
| (3) Precipitation | (4) Passive agglutination |
-

51. Name the element from the following description :

- (a) Extra chromosomal genetic elements often found in bacteria.
- (b) They are circular pieces of DNA
- (c) They confer resistance to a number of antibiotics
- (d) Transferred to other cells by conjugation

Choose the correct answer :

- | | | | |
|----------------|--------------|----------------|------------------|
| (1) R Plasmids | (2) Episomes | (3) F plasmids | (4) Bacteriocins |
|----------------|--------------|----------------|------------------|
-

52. Which of the following *Brucella* species is the main etiological agent of Brucellosis in sheep and goats and is also the main agent responsible for human brucellosis ?

- | | |
|-----------------------------|--------------------------------|
| (1) <i>Brucella abortus</i> | (2) <i>Brucella ovis</i> |
| (3) <i>Brucella suis</i> | (4) <i>Brucella melitensis</i> |
-

53. Name the drug described below :

- (a) It is a catecholamine
- (b) It is useful in providing immediate relief from bronchial asthma
- (c) It is useful in treating hypotension associated with anaphylactic shock
- (d) It is indicated in treatment of cardiac arrest

Answer Options :

- | | |
|----------------|-------------------|
| (1) Dopamine | (2) Noradrenaline |
| (3) Adrenaline | (4) Isoproterenol |
-

कच्चा कामासाठी जागा /SPACE FOR ROUGH WORK

54. Match the drugs with their mechanisms of action :

Drugs	Mechanism of action
(a) Phenylephrine	(i) Alpha 2 receptor antagonist
(b) Yohimbine	(ii) Beta 2 receptor agonist
(c) Clenbuterol	(iii) Beta 1 receptor antagonist
(d) Metoprolol	(iv) Alpha 1 receptor agonist

Answer Options :

- | | | | | |
|-----|-------|------|------|-------|
| (a) | (b) | (c) | (d) | |
| (1) | (i) | (ii) | (iv) | (iii) |
| (2) | (iv) | (i) | (ii) | (iii) |
| (3) | (ii) | (iv) | (i) | (iii) |
| (4) | (iii) | (i) | (iv) | (ii) |

55. Which of the following sulfonamides is/are used for the topical effect ?

- (a) Silver sulfadiazine
- (b) Mafenide
- (c) Sulfadoxine
- (d) Sulfacetamide

Answer Options :

- | | | | |
|-----|------------------|-----|------------------|
| (1) | (a), (b) and (d) | (2) | (a), (c) and (d) |
| (3) | (a), (b) and (c) | (4) | (d) only |

56. Consider following statements :

- (a) Compared with mammalian and avian species the half-lives of antimicrobials in fish and reptiles are prolonged.
- (b) In poikilothermic species, half-life of antimicrobial relates to the lower metabolic turnover rate.

Answer Options :

- (1) Both the statements are correct and second is the correct explanation of the first
- (2) Neither of the statements is correct
- (3) Both the statements are correct but second is not the correct explanation for the first
- (4) The first statement is correct, not the second

कच्चा कामसाठी जागा /SPACE FOR ROUGH WORK

P.T.O.

57. Cyanide poisoning is often observed in livestock. What is not true about it ?

- (1) It occurs in acute and peracute form.
 - (2) The most frequent cause of poisoning is ingestion of plants containing cyanogenetic glycosides.
 - (3) The treatment comprises sodium nitrite in distilled water i.v. 20 mg/kg followed by sodium thiosulphate 20% i.v. at 500 mg/kg.
 - (4) It affects oxygen carrying capacity of blood and blood is cherry red coloured.
-

58. Among the following is the anti-oxidant permitted in India to add in the milk products in India :

- (1) Nordihydroguaiaretic acid
 - (2) Butylated Hydroxy Anisole
 - (3) Ethyl gallate
 - (4) Hydroquinone
-

59. Match the pairs of milk with these method of preparation/obtained :

- (a) Sterilized milk (i) Obtained by employing selected micro-organism to develop the flavour body and texture
- (b) Homogenized milk (ii) Milk prepared by dispersion of whole milk powder in water
- (c) Fermented milk (iii) Obtained by subdivision of fat globules
- (d) Rehydrated milk (iv) Obtained by heating milk to 100°C and above

Answer Options :

- (a) (b) (c) (d)
 - (1) (i) (ii) (iii) (iv)
 - (2) (ii) (iii) (iv) (i)
 - (3) (iv) (iii) (i) (ii)
 - (4) (iii) (i) (ii) (iv)
-

कच्चा कामासाठी जागा /SPACE FOR ROUGH WORK

60. Butter is generally made from the cream by churning, it contains 80% fat, following are the most important specific requirement of the product manufacture.
- Off flavour produced by lipolysis s/b avoided.
 - Too low pH (– 4.6) is not good for the product.
 - Spreadability and firmness depends strongly on the composition of fat and on the temperature.
 - Yield of butter does not depend on the water contents of the butter milk.

Answer Options :

- (1) (a) and (b) only (2) (b) and (c) only (3) (a) and (d) only (4) All the above

61. Donora (Pennsylvania) is associated with :

- More than 40% population is ill because of intense fog
- Blanket of thick fog for about 5 days
- Oxides of sulphur and soot
- Repeated bout of air pollution disasters causing smog disasters

62. A Collection of living organism in a biotope is called as :

- Biotic community
- Biocenosis
- Large biocenosis
- All of above

63. The concentration of CO₂ gas and period of exposure used for making pigs unconscious prior to slaughter :

- 70% CO₂ and 60 seconds
- 65% CO₂ and 40 seconds
- 80% CO₂ and 45 seconds
- 70% CO₂ and 45 seconds

64. Following tests used for detection of certain quality parameters in liquid milk samples :

List - I - Tests

- Alcohol - alizurin test
- Gerber test
- Rosalic acid test
- Sediment test

List- II - Parameters

- Fat content
- Acidity
- Cleanliness
- Neutralizers

Answer Options :

- (a) (b) (c) (d)
- (ii) (iii) (i) (iv)
- (ii) (i) (iv) (iii)
- (iv) (i) (ii) (iii)
- (iii) (ii) (i) (iv)

कच्चा कामासाठी जागा /SPACE FOR ROUGH WORK

P.T.O.

65. Match the organisms causes abnormal changes in stored meat and meat products :

List - 1 Abnormal Changes

- (a) Bone taint
- (b) Whisker's
- (c) White spot
- (d) Black spot

List - 2 Organisms

- (i) *Sporotrichum carnis*
- (ii) *Cladosporium herbarum*
- (iii) *Cl. putrefaciens*
- (iv) *Thamnidium*

Answer Options :

- | | (a) | (b) | (c) | (d) |
|-----|-------|-------|-------|-------|
| (1) | (ii) | (iii) | (iv) | (i) |
| (2) | (iii) | (iv) | (i) | (ii) |
| (3) | (iv) | (ii) | (iii) | (i) |
| (4) | (ii) | (i) | (iv) | (iii) |

66. Os penis is present in :

- | | | | |
|--------|----------|---------|-----------|
| (1) Ox | (2) Boar | (3) Dog | (4) Horse |
|--------|----------|---------|-----------|

67. In pig, ligamentum nuchae is represented by :

- (1) By a small fibrous band which extend from axis to thoracic spine
- (2) By fibrous tissue by funicular and lamellar part
- (3) By a fibrous raphe and thin layer of elastic tissue which extend between cervical spine
- (4) By a powerful elastic apparatus extend from occipital bone to withers

68. Corneoscleral junction is also called as :

- | | |
|--------------------------|-----------------|
| (1) Tapetum lucidum | (2) Ora serrata |
| (3) Ora ciliaris retinae | (4) Limbus |

69. The process of transformation of spermatids into spermatozoa is called as _____.

- | | |
|---------------------|--------------------------|
| (1) Spermatogenesis | (2) Spermiogenesis |
| (3) Gametogenesis | (4) Spermato cytogenesis |

कच्चा कामासाठी जागा /SPACE FOR ROUGH WORK

70. The vein formed by the union of Anterior and posterior mesenteric veins and splenic vein is :
- | | |
|----------------------|--------------------|
| (1) Phrenic vein | (2) Portal vein |
| (3) Hemiazygous vein | (4) Saphenous vein |
-
71. Identify the group of nitrogenous bases (all three) that are found in both RNA and DNA.
- | | |
|--------------------------------|-------------------------------|
| (1) Cytosine, Thymine, Adenine | (2) Cytosine, Uracil, Adenine |
| (3) Cytosine, Adenine, Guanine | (4) Cytosine, Thymine, Uracil |
-
72. Identify the group of amino acids (all three) that is both glucogenic as well as ketogenic :
- | | |
|-------------------------------------|----------------------------------------|
| (1) Alanine, L-leucine, Iso-leucine | (2) L-leucine, Tyrosine, Glutamine |
| (3) Glycine, L-leucine, Histidine | (4) Iso-leucine, Lysine, Phenylalanine |
-
73. Most sensitive test for detection of sugar in urine is :
- | | |
|--------------------|------------------------|
| (1) Rothera's test | (2) Benedict's test |
| (3) Barfoed test | (4) Hay's sulphur test |
-
74. Which among the following hormones derived from amino acid/amine derivatives ?
- | | |
|------------------|--------------------|
| (1) Thyroxine | (2) Insulin |
| (3) Progesterone | (4) Growth hormone |
-
75. Which among the following condition caused by the deficiency of vitamin 'E' in the diet of animals ?
- | | | | |
|------------|------------------|---------------|--------------|
| (1) Scurvy | (2) Osteomalacia | (3) Sterility | (4) Pellagra |
|------------|------------------|---------------|--------------|
-
76. Which one of the following Information Communication Technology (ICT) project carried by National Informatics Centre (NIC) on behalf of central Govt. and Government of Maharashtra and NGO ?
- | | |
|---------------------------------|----------------------------------|
| (1) Gokul wired village project | (2) Katraj wired village project |
| (3) Koyna wired village project | (4) Warna wired village project |
-
77. A projector which projects the image over the head of an instructor is called as :
- | | |
|-----------------------|------------------------|
| (1) Slide projector | (2) Overhead projector |
| (3) Opaquae projector | (4) L.C.D. projector |
-

78. Which one of the following printing material is used in a single sheet of papers to present information on only one topic in a concise manner and simple language ?

- (1) Leaflet (2) Folder (3) Pamphlet (4) Bulletein

79. Evaluation of progress is classified as extension programme planning process as like :

- (1) programme planning (2) programme action
(3) programme assimilation (4) programme acculturation

80. In which type of graph a circle is divided into segments to indicate different parts of a whole ?

- (1) Bar graph (2) Area graph (3) Line graph (4) Pie graph

81. In the extension administration, the scope of administration can be expressed in terms of the functioned elements indicated by the letters of the word POSDCORB, in this word 'S' stand for :

- (1) Satisfaction (2) Staffing (3) Self-reliance (4) Self-help

82. Match the goat breeds with their habitat :

List - A (Goat breed)

List - B (Habitat)

- | | |
|-------------|------------------------|
| (a) Sirohi | (i) Surat |
| (b) Berairi | (ii) Puri |
| (c) Surti | (iii) Nagpur, Wardha |
| (d) Ganjam | (iv) Rajasthan, Gujrat |

Answer options :

- | | (a) | (b) | (c) | (d) |
|-----|-------|-------|-------|------|
| (1) | (i) | (ii) | (iii) | (iv) |
| (2) | (iii) | (ii) | (i) | (iv) |
| (3) | (iv) | (iii) | (i) | (ii) |
| (4) | (iii) | (iv) | (i) | (ii) |

कच्चा कामासाठी जागा /SPACE FOR ROUGH WORK

83. Match the dipping solution for sheep with their concentration :

List - A (Dipping solution)

List - B (Concentration)

- | | |
|--------------------------|--------------|
| (a) Lindane dip | (i) 0.5 % |
| (b) Pyrethrin | (ii) 0.1 % |
| (c) Nicotine and tobacco | (iii) 0.31 % |
| (d) DDT | (iv) 0.2 % |

Answer options :

- | | (a) | (b) | (c) | (d) |
|-----|-------|------|-------|------|
| (1) | (iii) | (iv) | (ii) | (i) |
| (2) | (i) | (ii) | (iii) | (iv) |
| (3) | (iii) | (iv) | (i) | (ii) |
| (4) | (iv) | (i) | (iii) | (ii) |

84. Indicate which are the characteristics of good layer :

- (a) Thin, Pliable and well spread pubic bones
- (b) Yellow coloured beak
- (c) Large, Oval, smooth and moist vent
- (d) Soft and loose skin

Answer options :

- | | |
|----------------------|-----------------|
| (1) (b), (c) and (d) | (2) (a) and (c) |
| (3) (a), (c) and (d) | (4) (b) and (d) |

85. Consider the statements given below :

- (a) Energy Intake, thereby feed consumption reduces as environmental temperature increases.
- (b) Birds need less energy when ambient temperature is high.

Answer options :

- (1) Both the statements are incorrect.
- (2) Both the statements are correct but second is not the correct explanation of first.
- (3) First statement is correct but second statement is incorrect.
- (4) Both the statements are correct and second is the correct explanation of first.

कच्चा कामासाठी जागा /SPACE FOR ROUGH WORK

P.T.O.

86. Goat is multipurpose animal. What is not true about goat ?

- (1) Goat gives more production per unit investment.
- (2) Goat is small size and younger slaughter age.
- (3) Milk is not suitable for preparing milk products.
- (4) Goat suffers less from ailments than do large animals.

87. Which of the following is not a prebiotic used in poultry diets ?

- (a) Fructo - oligosaccharides
- (b) Inulins
- (c) Lactobacillus strains
- (d) Lactosucrose

Answer options :

- (1) (b) and (d) (2) Only (d) (3) (a) and (c) (4) Only (c)

88. Match different parts of oviduct with the function it serves in the process of egg formation in chickens.

- | | |
|------------------|----------------------------------|
| (a) Isthemus | (i) Deposition of shell |
| (b) Uterus | (ii) Formation of shell membrane |
| (c) Infundibulum | (iii) Secretion of albumen |
| (d) Magnum | (iv) Site of fertilization |

Answer options :

- | | (a) | (b) | (c) | (d) |
|-----|------|------|-------|-------|
| (1) | (i) | (ii) | (iii) | (iv) |
| (2) | (ii) | (i) | (iv) | (iii) |
| (3) | (ii) | (i) | (iii) | (iv) |
| (4) | (iv) | (ii) | (i) | (iii) |

89. Response to selection is the difference between mean phenotypic value of :

- (1) Offsprings and selected parents
- (2) Offsprings of selected parents and parental population before selection
- (3) Sire and dam
- (4) Selected parents and base population before selection

कच्चा कामासाठी जागा /SPACE FOR ROUGH WORK

90. Breeding system by which a few purebred sires can rather quickly transform a non-descript population into the purebred called :

- | | |
|--------------------|--------------------|
| (1) Cross breeding | (2) Grading up |
| (3) Back crossing | (4) Criss crossing |
-

91. The outcrossing within a herd by use of selected sire is called :

- | | |
|------------------------|-------------------|
| (1) Upgrading | (2) Line breeding |
| (3) Selective breeding | (4) Back crossing |
-

92. The most reliable and powerful Selection Index than conventional selection index for sire evaluation is :

- (1) Total score method
 - (2) Maximum likelihood
 - (3) BLUP (Best Linear Unbiased Prediction)
 - (4) BLUE
-

93. Sunandini is a synthetic cattle breed developed by crossing :

- (1) Red Sindhi X Non-descript cattle (Kerla)
 - (2) Sahiwal X H.F.
 - (3) Tharparkar X Jersey
 - (4) Brown Swiss X Non-descript cattle (Kerla)
-

94. Method is used for selection when several traits are considered simultaneously :

- | | |
|--------------------------|-------------------------------|
| (1) Individual selection | (2) Independent culling level |
| (3) Selection Index | (4) Tandom selection |
-

95. Identify the chelate which interfere with utilization of essential cations :

- (a) Ethylenediaminetetra acetic acid
- (b) Cytochrome enzyme
- (c) Haemoglobin
- (d) Oxalic acid calcium

Answer options :

- | | | | |
|--------------|-----------------|-----------------|--------------|
| (1) (a) only | (2) (b) and (c) | (3) (c) and (d) | (4) (d) only |
|--------------|-----------------|-----------------|--------------|
-

कच्चा कामासाठी जागा /SPACE FOR ROUGH WORK

P.T.O.

96. Highly soluble minerals to maintain osmotic pressure, acid base equilibrium and water metabolism are :

- (1) Sodium and potassium
- (2) Potassium and chlorine
- (3) Sodium, potassium and chlorine
- (4) None of above

97. Match the disease caused by mineral deficiency (use correct codes) :

List - I (Diseases)	List - II (Minerals)
(a) Normochromic anaemia	(i) Manganese
(b) Alkali disease	(ii) Magnesium
(c) Grass staggers	(iii) Copper
(d) Bone abnormalities	(iv) Selenium

Answer options :

- | | | | |
|-----------|-------|------|-------|
| (a) | (b) | (c) | (d) |
| (1) (iii) | (ii) | (i) | (iv) |
| (2) (ii) | (i) | (iv) | (iii) |
| (3) (iii) | (iv) | (ii) | (i) |
| (4) (i) | (iii) | (iv) | (ii) |

98. Which are noncaloric functions of fat ?

- (a) Protects the internal organs from shock or injury
- (b) Helps in absorption of carotene and the fat soluble vitamins
- (c) Source of metabolic water
- (d) Serves as an insulation material

Answer options :

- (1) (a) only (2) (c) only (3) (b) and (c) (4) All above

कच्चा कामासाठी जागा /SPACE FOR ROUGH WORK

99. Tryptophan cannot be converted to niacin in :

- (a) Cats (b) Chickens (c) Ducks (d) Pigs

Answer options :

- (1) (a) only (2) (b) and (c) (3) (c) and (d) (4) (d) only
-

100. Match the pairs between A and B :

(A)

(B)

- | | |
|-----------------|-----------------------------------------|
| (a) Vitamin 'A' | (i) α -Tocopherol |
| (b) Vitamin 'K' | (ii) Menadione |
| (c) Vitamin 'D' | (iii) Carotene |
| (d) Vitamin 'E' | (iv) Ergocalciferol and cholecalciferol |

Answer options :

- | | (a) | (b) | (c) | (d) |
|-----|-------|-------|-------|------|
| (1) | (iv) | (iii) | (i) | (ii) |
| (2) | (iii) | (ii) | (iv) | (i) |
| (3) | (i) | (iii) | (ii) | (iv) |
| (4) | (ii) | (i) | (iii) | (iv) |
-

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कच्चा कामासाठी जागा /SPACE FOR ROUGH WORK

सूचना — (पृष्ठ 1 वरून पुढे....)

- (8) प्रश्नपुस्तिकेमध्ये विहित केलेल्या विशिष्ट जागीच कच्चे काम (रफ वर्क) करावे. प्रश्नपुस्तिकेव्यतिरिक्त उत्तरपत्रिकेवर वा इतर कागदावर कच्चे काम केल्यास ते काँपी करण्याच्या उद्देशाने केले आहे, असे मानले जाईल व त्यानुसार उमेदवारावर शासनाने जारी केलेल्या “परीक्षामध्ये होणाऱ्या गैरप्रकारांना प्रतिबंध करण्याबाबतचे अधिनियम-82” यातील तरतुदीनुसार कारवाई करण्यात येईल व दोषी व्यक्ती कमाल एक वर्षाच्या कारावासाच्या आणि/किंवा रुपये एक हजार रकमेच्या दंडाच्या शिक्षेस पात्र होईल.
- (9) सदर प्रश्नपत्रिकेसाठी आयोगाने विहित केलेली वेळ संपल्यानंतर उमेदवाराला ही प्रश्नपुस्तिका स्वतःबरोबर परीक्षाकक्षाबाहेर घेऊन जाण्यास परवानगी आहे. मात्र परीक्षाकक्षाबाहेर जाण्यापूर्वी उमेदवाराने आपल्या उत्तरपत्रिकेचा भाग-1 समवेक्षकाकडे न विसरता परत करणे आवश्यक आहे.

नमुना प्रश्न

प्र. क्र. 201. सतीची चाल नष्ट करण्यासाठी कोणी मूलतः प्रयत्न केले?

- | | |
|---------------------------|---------------------------|
| (1) स्वामी दयानंद सरस्वती | (2) ईश्वरचंद्र विद्यासागर |
| (3) राजा राममोहन रॉय | (4) गोपाळकृष्ण गोखले |

ह्या प्रश्नाचे योग्य उत्तर “(3) राजा राममोहन रॉय” असे आहे. त्यामुळे या प्रश्नाचे उत्तर “(3)” होईल, यास्तव खालीलप्रमाणे प्रश्न क्र. 201 समोरील उत्तर-क्रमांक “③” हे वर्तुळ पूर्णपणे छायांकित करून दाखविणे आवश्यक आहे.

प्र. क्र. 201. ① ② ● ④

अशा पद्धतीने प्रस्तुत प्रश्नपुस्तिकेतील प्रत्येक प्रश्नाचा तुमचा उत्तरक्रमांक हा तुम्हाला स्वतंत्ररीत्या पुरविलेल्या उत्तरपत्रिकेवरील त्या त्या प्रश्नक्रमांकासमोरील संबंधित वर्तुळ पूर्णपणे छायांकित करून दाखवावा. ह्याकरिता फक्त काळ्या शाईचे बॉलपेन वापरावे, पेन्सिल वा शाईचे पेन वापरू नये.

कच्च्या कामासाठी जागा /SPACE FOR ROUGH WORK



सूचना

- (1) सदर प्रश्नपुस्तिकेत 100 अनिवार्य प्रश्न आहेत. उमेदवारांनी प्रश्नांची उत्तरे लिहिण्यास सुरुवात करण्यापूर्वी या प्रश्नपुस्तिकेत सर्व प्रश्न आहेत किंवा नाहीत याची खात्री करून घ्यावी. तसेच अन्य काही दोष आढळल्यास ही प्रश्नपुस्तिका समवेक्षकांकडून लगेच बदलून घ्यावी.
 - (2) आपला परीक्षा-क्रमांक ह्या चौकोनांत न विसरता बॉलपेनने लिहावा.
- परीक्षा-क्रमांक

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केंद्राची संकेताक्षरे

शेवटचा अंक
- (3) वर छापलेला प्रश्नपुस्तिका क्रमांक तुमच्या उत्तरपत्रिकेवर विशिष्ट जागी उत्तरपत्रिकेवरील सूचनेप्रमाणे न विसरता नमूद करावा.
 - (4) (अ) या प्रश्नपुस्तिकेतील प्रत्येक प्रश्नाला 4 पर्यायी उत्तरे सुचविली असून त्यांना 1, 2, 3 आणि 4 असे क्रमांक दिलेले आहेत. त्या चार उत्तरांपैकी सर्वात योग्य उत्तराचा क्रमांक उत्तरपत्रिकेवरील सूचनेप्रमाणे तुमच्या उत्तरपत्रिकेवर नमूद करावा. अशा प्रकारे उत्तरपत्रिकेवर उत्तरक्रमांक नमूद करताना तो संबंधित प्रश्नक्रमांकासमोर छायांकित करून दर्शविला जाईल याची काळजी घ्यावी. ह्याकरिता फक्त काळ्या शाईचे बॉलपेन वापरावे, पेन्सिल वा शाईचे पेन वापरू नये.
 - (ब) आयोगाने ज्या विषयासाठी मराठी बरोबर इंग्रजी माध्यम विहित केलेले आहे. त्याच विषयाचे प्रश्न मराठी बरोबर इंग्रजी भाषेत देखील छापण्यात आले आहे. त्यामधील इंग्रजीतील किंवा मराठीतील प्रश्नामध्ये मुद्रणदोषांमुळे अथवा अन्य कारणांमुळे विसंगती निर्माण झाल्याची शंका आल्यास, उमेदवाराने संबंधित प्रश्न पर्यायी भाषेतील प्रश्नाशी ताडून पहावा.
 - (5) सर्व प्रश्नांना समान गुण आहेत. यास्तव सर्व प्रश्नांची उत्तरे द्यावीत. घाईमुळे चुका होणार नाहीत याची दक्षता घेऊनच शक्य तितक्या वेगाने प्रश्न सोडवावेत. क्रमाने प्रश्न सोडविणे श्रेयस्कर आहे पण एखादा प्रश्न कठीण वाटल्यास त्यावर वेळ न घालविता पुढील प्रश्नाकडे वळावे. अशा प्रकारे शेवटच्या प्रश्नापर्यंत पोहोचल्यानंतर वेळ शिल्लक राहिल्यास कठीण म्हणून वगळलेल्या प्रश्नांकडे परतणे सोईस्कर ठरेल.
 - (6) उत्तरपत्रिकेत एकदा नमूद केलेले उत्तर खोडता येणार नाही. नमूद केलेले उत्तर खोडून नव्याने उत्तर दिल्यास ते तपासले जाणार नाही.
 - (7) प्रस्तुत परीक्षेच्या उत्तरपत्रिकांचे मूल्यांकन करताना उमेदवाराच्या उत्तरपत्रिकेतील योग्य उत्तरांनाच गुण दिले जातील. तसेच “उमेदवाराने वस्तुनिष्ठ बहुपर्यायी स्वरूपाच्या प्रश्नांची दिलेल्या चार उत्तरांपैकी सर्वात योग्य उत्तरेच उत्तरपत्रिकेत नमूद करावीत. अन्यथा त्यांच्या उत्तरपत्रिकेत सोडविलेल्या प्रत्येक चार चुकीच्या उत्तरांसाठी एका प्रश्नाचे गुण वजा करण्यात येतील”.

ताकीद

ह्या प्रश्नपत्रिकेसाठी आयोगाने विहित केलेली वेळ संपेपर्यंत ही प्रश्नपुस्तिका आयोगाची मालमत्ता असून ती परीक्षाकक्षात उमेदवाराला परीक्षेसाठी वापरण्यास देण्यात येत आहे. ही वेळ संपेपर्यंत सदर प्रश्नपुस्तिकेची प्रत/प्रती, किंवा सदर प्रश्नपुस्तिकेतील काही आशय कोणत्याही स्वरूपात प्रत्यक्ष वा अप्रत्यक्षपणे कोणत्याही व्यक्तीस पुरविणे, तसेच प्रसिद्ध करणे हा गुन्हा असून अशी कृती करणाऱ्या व्यक्तीवर शासनाने जारी केलेल्या “परीक्षांमध्ये होणाऱ्या गैरप्रकारांना प्रतिबंध करण्याबाबतचा अधिनियम-82” यातील तरतुदीनुसार तसेच प्रचलित कायद्याच्या तरतुदीनुसार कारवाई करण्यात येईल व दोषी व्यक्ती कमाल एक वर्षाच्या कारावासाच्या आणि/किंवा रुपये एक हजार रकमेच्या दंडाच्या शिक्षेस पात्र होईल.

तसेच ह्या प्रश्नपत्रिकेसाठी विहित केलेली वेळ संपण्याआधी ही प्रश्नपुस्तिका अनधिकृतपणे बाळगणे हा सुद्धा गुन्हा असून तसे करणारी व्यक्ती आयोगाच्या कर्मचारीवृंदापैकी, तसेच परीक्षेच्या पर्यवेक्षकीयवृंदापैकी असली तरीही अशा व्यक्तीविरुद्ध उक्त अधिनियमानुसार कारवाई करण्यात येईल व दोषी व्यक्ती शिक्षेस पात्र होईल.

पुढील सूचना प्रश्नपुस्तिकेच्या अंतिम पृष्ठावर पहा

पर्यवेक्षकांच्या सूचनेविना हे सील उघडू नये



कच्च्या कामासाठी जागा / SPACE FOR ROUGH WORK

MpscGuidance

1. मुख्य न्यायाधीश रंजन गोगोई यांच्या विरुद्ध यौन उत्पीडन बादा बाबत समिती गठित करण्यात आली होती, त्याचे अध्यक्ष कोण होते ?

- (1) न्यायाधीश एन.व्ही. रमण (2) न्यायाधीश दीपक मिश्रा
(3) न्यायाधीश इंदिरा बनर्जी (4) न्यायाधीश एस.ए. बोबडे

Who was the chairman of the committee constituted to probe the sexual harassment case against the Chief Justice Ranjan Gogoi ?

- (1) Justice N.V. Raman (2) Justice Deepak Mishra
(3) Justice Indira Banerjee (4) Justice S.A. Bobde

2. अमेरिकन पत्रिका 'द टाइम' ने प्रकाशित केलेल्या 'जगातील सर्वात प्रभावशाली व्यक्ती, 2019' मध्ये ज्यांची नावे सामील आहेत, अशा तीन व्यक्ती कोणत्या आहेत ?

- अ. नरेंद्र मोदी ब. मुकेश अंबानी
क. अरुंधती काटजू ड. मेनका गुरुस्वामी

पर्यायी उत्तरे :

- (1) फक्त अ, ब आणि क (2) फक्त अ, ब आणि ड
(3) फक्त अ, क आणि ड (4) फक्त ब, क आणि ड

Which are the three people, who are listed in 'The Most Influential People of the World, 2019', published by American Magazine 'The Time' ?

- a. Narendra Modi b. Mukesh Ambani
c. Arundhati Katju d. Menaka Guruswami

Answer options :

- (1) Only a, b and c (2) Only a, b and d
(3) Only a, c and d (4) Only b, c and d

3. अंतराळात भारत आपले स्थानक तयार करणारा जगाचा खालीलपैकी कोणत्या क्रमांकाचा देश होणार आहे ?

- (1) चौथा (2) पाचवा (3) सातवा (4) तिसरा

Out of the following, which will be the expected ranking of India in the world, in establishing space station in space ?

- (1) 4th (2) 5th (3) 7th (4) 3rd

4. अयोग्य कथन ओळखा.

- (1) चंद्रयान-2 चे प्रक्षेपण सतीश धवन अंतराळ केंद्र, श्रीहरिकोटा येथून करण्यात आले.
(2) प्रारंभी, इसरोने चंद्रयान-2 करीता रशियासोबत भागीदारी करण्याचे ठरविले होते. 2007 मध्ये दोन्ही देशांनी त्या बाबत करार केला होता.
(3) चंद्रयान-2 ऑर्बिटरचा उद्देश होता की, चंद्राला प्रदक्षिणा घालणे आणि त्याच्या पृष्ठभागाची माहिती मिळविणे.
(4) चंद्रयान-2 च्या विक्रम लँडरशी संपर्क तुटल्याची निश्चिती इसरोचे संचालक, के. सिवन यांनी सप्टेंबर 9, 2019 रोजी केली.

Select the **incorrect** statement.

- (1) Chandrayan-2 was launched from the Satish Dhawan Space Centre in Sriharikota.
(2) Initially, ISRO planned to partner with Russia to perform Chandrayan-2. The two agencies signed an agreement in 2007.
(3) The goal of the Chandrayan-2 orbiter was to circle the moon and provide information about its surface.
(4) On September 9, 2019 K. Sivan, the director of ISRO, confirmed that communication had been lost with Chandrayan-2 Vikram lander.

5. अयोग्य कथन ओळखा.

- (1) अखिल भारतीय स्वच्छ सुंदर शौचालय स्पर्धा 2019 मध्ये कोल्हापुर ने दुसऱ्या क्रमांकाचा पुरस्कार प्राप्त केला.
- (2) स्वच्छ सुंदर शौचालय स्पर्धा 2019 मध्ये महाराष्ट्राला एकंदरीत दुसरे स्थान प्राप्त झाले.
- (3) स्वच्छ भारत ग्रामीण सर्वेक्षण 2016 मध्ये राष्ट्रीय पातळीवरील उत्कृष्ट 10 जिल्ह्यांमध्ये महाराष्ट्राचे पाच जिल्हे होते.
- (4) स्वच्छ भारत सर्वेक्षण 2016 मध्ये सिंधुदुर्गला भारतातील उत्कृष्ट जिल्हा घोषित करण्यात आले.

Select the **incorrect** statement.

- (1) Kolhapur has won second prize in the All India Swachh Sundar Shouchalaya Contest in 2019.
- (2) Maharashtra attained overall second position in the Swachh Sundar Shouchalaya Contest in 2019.
- (3) Maharashtra's five districts were among the best 10 districts nationally under Swachh Bharat Gramin Survey in 2016.
- (4) Sindhudurg was adjudged the best district in India under Swachh Bharat Survey in 2016.

6. अमिताभ बच्चन इतक्यात बातम्यामध्ये होते. त्यांना प्रतिष्ठीत दादासाहेब फाळके पुरस्काराने सन्मानित करण्यात येणार आहे. त्यांच्याबाबत काय खरे **नाही** ?

- (1) त्यांना 1994 मध्ये पद्मश्री ने सन्मानित करण्यात आले.
- (2) त्यांना 2001 मध्ये पद्मभूषण ने सन्मानित करण्यात आले.
- (3) त्यांना 2015 मध्ये पद्मविभूषण ने सन्मानित करण्यात आले.
- (4) ते चित्रपट निर्माता आणि पार्श्वगायक सुद्धा आहे.

Amitabh Bachchan were recently in news. He will be honoured with the prestigious Dadasaheb Phalke Award. Which is **not** true about him ?

- (1) He was honoured with Padma Shri in 1994.
- (2) He was honoured with Padma Bhushan in 2001.
- (3) He was honoured with Padma Vibhushan in 2015.
- (4) He is a film producer and playback singer also.

7. 'अम्ब्रेला मूव्हमेन्ट' ही _____ देशाशी संबंधित आहे.

- | | |
|----------------------|---------------------|
| (1) युनायटेड स्टेट्स | (2) युनायटेड किंगडम |
| (3) हॉंगकाँग | (4) स्विडन |

'Umbrella Movement' is related to _____ country.

- | | |
|-------------------|--------------------|
| (1) United States | (2) United Kingdom |
| (3) Hong Kong | (4) Sweden |

कच्च्या कामासाठी जागा / SPACE FOR ROUGH WORK

8. जोड्या लावा (नवनियुक्त राज्यपाल) :

‘अ’ (नाव)

‘ब’ (राज्य)

अ. कलराज मिश्र

i. तेलंगणा

ब. बंडारू दत्तात्रय

ii. केरळ

क. अरीफ मोहम्मद खान

iii. हिमाचल प्रदेश

ड. तमिलीसाई सौंदराराजन

iv. राजस्थान

पर्यायी उत्तरे :

	अ	ब	क	ड
(1)	iv	ii	i	iii
(2)	ii	iv	iii	i
(3)	iv	iii	i	ii
(4)	iv	iii	ii	i

Match the pairs (Newly appointed Governors) :

‘A’ (Name)

‘B’ (State)

a. Kalraj Mishra

i. Telangana

b. Bandaru Dattatreya

ii. Kerala

c. Arif Mohammed Khan

iii. Himachal Pradesh

d. Tamilisai Soundararajan

iv. Rajasthan

Answer options :

	a	b	c	d
(1)	iv	ii	i	iii
(2)	ii	iv	iii	i
(3)	iv	iii	i	ii
(4)	iv	iii	ii	i

9. फादर दिब्रिटो यांनी कोणते ग्रंथ लिहीले आहेत ?

अ. ‘तेजाची पावले’

ब. ‘सृजनाचा मोहोर’

क. ‘सुवार्ता’

ड. ‘आनंदाचे अंतरंग – मदर टेरेसा’

पर्यायी उत्तरे :

(1) फक्त अ, ब आणि क

(2) फक्त अ, ब आणि ड

(3) फक्त ब, क आणि ड

(4) फक्त अ, क आणि ड

Which books are written by Father Dibrto ?

a. ‘Tejachi Pavale’

b. ‘Srijanacha Mohor’

c. ‘Suvarta’

d. ‘Anandache Antrang – Mother Teresa’

Answer options :

(1) Only a, b and c

(2) Only a, b and d

(3) Only b, c and d

(4) Only a, c and d

10. खालील विधाने लक्षात घ्या :

- अ. 2019 चे शरीरशास्त्र किंवा वैद्यकशास्त्राचे नोबेल पारितोषिक दोन अमेरिकन व एक ब्रिटिश शास्त्रज्ञांनी मिळविले.
- ब. शरीरातील ऑक्सीजनच्या प्रमाणाची पातळी ओळखून त्याला प्रतिसाद देण्याचे पेशींचे कार्य कसे चालते, हे सिद्ध करून कर्करोग, रक्ताक्षयासह अनेक आजारांशी लढण्याचा नवा मार्ग दाखविण्यासाठी नोबेल पारितोषिक देण्यात आले.
- क. विलियम जी. केलिन, ज्युनियर हे ब्रिटिश शास्त्रज्ञ आहे.
- वरीलपैकी कोणते कथन **अयोग्य** आहे ?

- (1) फक्त अ (2) फक्त ब (3) फक्त क (4) वरीलपैकी नाही

Consider the following statements :

- a. Two American and a British scientist won the 2019 Nobel prize for physiology or medicine.
- b. The Nobel prize was awarded for discovering how the body's cells sense and react to oxygen levels, work that has paved the way for new strategies to fight cancer, anaemia and other diseases.
- c. William G. Kaelin Junior is a British scientist.

Which of the above statements is **incorrect** ?

- (1) Only a (2) Only b (3) Only c (4) None of the above

11. डॉ. कोलातुर गोपालन हे इतक्यात बातम्यामध्ये होते. त्यांच्याबाबत काय खरे **नाही** ?

- (1) ते राष्ट्रीय पोषण संस्थेचे पहिले संचालक होते.
- (2) ते 'न्यूट्रिशन फाउंडेशन ऑफ इंडिया' चे संस्थापक होते.
- (3) त्यांना 1970 मध्ये पद्मश्री ने सन्मानित करण्यात आले.
- (4) त्यांना 2005 मध्ये पद्मभूषण ने सन्मानित करण्यात आले.

Dr. Kolathur Gopalan was recently in news. Which is **not** true about him ?

- (1) He was the first director of National Institute of Nutrition.
- (2) He was a founder of 'Nutrition Foundation of India'.
- (3) He was honoured with Padma Shri in 1970.
- (4) He was honoured with Padma Bhushan in 2005.

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12. योग्य कथन/ने ओळखा.

- अ. 2019 मध्ये भारताकडून ऑस्कर पुरस्कारासाठी 'गली बॉय' चे नामांकन करण्यात आले.
ब. 2018 मध्ये भारताकडून ऑस्कर पुरस्कारासाठी 'व्हिलेज रॉकस्टार्स' चे नामांकन करण्यात आले होते.

पर्यायी उत्तरे :

- (1) फक्त अ (2) फक्त ब
(3) अ आणि ब दोन्ही (4) अ आणि ब दोन्ही नाही

Select the **correct** statement/s.

- a. 'Gully Boy' is nominated for Oscar Awards from India in 2019.
b. 'Village Rockstars' was nominated for Oscar Awards from India in 2018.

Answer options :

- (1) Only a (2) Only b
(3) Both a and b (4) Neither a nor b

13. प्रसिद्ध समाजशास्त्रज्ञ इमॅन्यूएल वॉलरस्टीन इतक्यात बातम्यामध्ये होते. त्यांनी कोणते ग्रंथ लिहीले आहेत ?

- अ. 'द कॅपिटलिस्ट वर्ल्ड-इकॉनॉमी'
ब. 'हिस्टॉरीकल कॅपिटलीझम'
क. 'द वर्ल्ड इज आऊट ऑफ जॉईन्ट'
ड. 'द फेस बिहाईंड द मास्क'

पर्यायी उत्तरे :

- (1) फक्त अ, ब आणि क (2) फक्त ब, क आणि ड
(3) फक्त अ, ब आणि ड (4) फक्त अ, क आणि ड

The famous social scientist Immanuel Wallerstein was recently in news. Which books are written by him ?

- a. 'The Capitalist World-Economy'
b. 'Historical Capitalism'
c. 'The World is Out of Joint'
d. 'The Face Behind the Mask'

Answer options :

- (1) Only a, b and c (2) Only b, c and d
(3) Only a, b and d (4) Only a, c and d

14. योग्य कथन/ने ओळखा.

- अ. डॉ. होमी भाभा क्लस्टर विद्यापीठ मुंबई येथे स्थापन करण्यात आले.
ब. राष्ट्रीय विधि विद्यापीठ नागपुर, औरंगाबाद आणि मुंबई येथे सुरू होत आहे.

पर्यायी उत्तरे :

- (1) फक्त अ (2) फक्त ब (3) अ आणि ब दोन्ही (4) अ आणि ब दोन्ही नाही

Select the **correct** statement/s.

- a. Dr. Homi Bhabha Cluster University has been established in Mumbai.
b. National Law University will be opened in Nagpur, Aurangabad and Mumbai.

Answer options :

- (1) Only a (2) Only b (3) Both a and b (4) Neither a nor b

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15. माहिती अधिकार अधिनियम, 2005 अंतर्गत 'सार्वजनिक प्राधिकरण' याचा अर्थ _____ च्या अधीन राहून निर्माण केलेले प्राधिकरण.
- अ. भारतीय संविधानाद्वारे तयार केलेले
 ब. सर्वोच्च व उच्च न्यायालयाने तयार केलेले
 क. संसदेने तयार केलेल्या कोणत्याही इतर कायद्याद्वारे
 ड. पंतप्रधान यांचे आदेशानुसार निर्मित
- वरीलपैकी कोणते विधान/ने बरोबर आहे/त ?
- (1) फक्त अ आणि ब बरोबर आहेत (2) फक्त क बरोबर आहे
 (3) फक्त अ आणि क बरोबर आहेत (4) सर्व बरोबर आहेत

Under the Right to Information Act, 2005, 'Public Authority' means any authority which is constituted

- a. By or under the Indian Constitution.
 b. By order of the Supreme Court or High Court.
 c. By any other law made by the Parliament.
 d. By order of the Prime Minister.

Which of the above statement/s is/are **correct** ?

- (1) Only a and b are correct (2) Only c is correct
 (3) Only a and c are correct (4) All are correct

16. राज्य मुख्य माहिती आयुक्तांची आणि राज्य माहिती आयुक्तांची नियुक्ती, राज्यपाल, खालील व्यक्तींची मिळून बनलेल्या समितीच्या शिफारशीनुसार करेल :
- अ. मुख्यमंत्री आणि विधानसभेतील विरोधी पक्षनेता.
 ब. उच्च न्यायालयाचे मुख्य न्यायमूर्ती.
 क. मुख्यमंत्री व केंद्रीय माहिती आयुक्त.
 ड. मुख्यमंत्र्यांनी नामनिर्देशित केलेला एक कॅबिनेट मंत्री.

पर्यायी उत्तरे :

- (1) फक्त अ आणि ब बरोबर आहेत (2) फक्त ब, क आणि ड बरोबर आहेत
 (3) फक्त अ आणि ड बरोबर आहेत (4) वरील सर्व पर्याय बरोबर आहेत

The State Chief Information Commissioner and the State Information Commissioners shall be appointed by the Governor on the recommendation of a committee consisting of

- a. The Chief Minister and Leader of Opposition in Legislative Assembly.
 b. The Chief Justice of High Court.
 c. The Chief Minister and Central Information Commissioner.
 d. A Cabinet Minister to be nominated by the Chief Minister.

Answer options :

- (1) Only a and b are correct (2) Only b, c and d are correct
 (3) Only a and d are correct (4) All are correct

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17. राज्य मुख्य माहिती आयुक्तांच्या पदावधी व सेवेच्या शर्ती संबंधीत
 अ. प्रत्येक राज्य मुख्य माहिती आयुक्तांचा काळावधी पाच वर्षांचा असतो.
 ब. प्रत्येक राज्य मुख्य माहिती आयुक्तांचा काळावधी सहा वर्षांचा असतो.
 क. राज्य मुख्य माहिती आयुक्त हे पुनर्नियुक्तीस पात्र नसतात.
 ड. राज्य मुख्य माहिती आयुक्तांचे वेतन हे निवडणूक आयुक्तांप्रमाणे असतील.
 वरीलपैकी कोणते विधाने बरोबर आहेत ?

- (1) फक्त ब, क आणि ड बरोबर आहेत (2) फक्त ब आणि ड बरोबर आहेत
 (3) फक्त ब आणि क बरोबर आहेत (4) फक्त अ, क आणि ड बरोबर आहेत

The provision relating to term of office and conditions of service for the Chief State Information Commissioner are

- a. Every State Chief Information Commissioner shall hold office for a term of five years.
 b. Every State Chief Information Commissioner shall hold office for a term of six years.
 c. State Chief Information Commissioner shall not be eligible for reappointment.
 d. The salaries of State Chief Information Commissioner shall be same as that of an Election Commissioner.

Which of the above statements are **correct** ?

- (1) Only b, c and d are correct (2) Only b and d are correct
 (3) Only b and c are correct (4) Only a, c and d are correct

18. माहितीचा अधिकार परिनियमातील कलम 11(2) नुसार केंद्रीय जन माहिती अधिकाऱ्याकडून किंवा यथास्थिती राज्य जन माहिती अधिकाऱ्याकडून कोणत्याही माहितीच्या किंवा अभिलेखाच्या किंवा त्यांच्या भागाच्या संबंधात पोटकलम (1) अन्वये त्रयस्थ पक्षावर नोटीस बजावण्यात आली असेल अशा बाबतीत, अशी नोटीस मिळाल्याच्या दिनांकापासून _____ दिवसांच्या आत, प्रस्तावित माहिती प्रकट करण्याविषयी निवेदन करण्याची त्रयस्थ पक्षास संधी देण्यात येईल.

- (1) 10 (2) 15 (3) 30 (4) 45

According to Section 11(2) of Right to Information Act, where a notice is served by the Central Public Information Officer or State Public Information Officer, as the case may be, under Sub-section (1) to a third party in respect of any information or record or part thereof, the third party shall within _____ days from the date of receipt of such notice, be given the opportunity to make representation against the proposed disclosure.

- (1) 10 (2) 15 (3) 30 (4) 45

19. ज्या कोणत्याही व्यक्तिला कलम 7चे पोटकलम (1) किंवा पोटकलम (3) चा खंड (अ) या विनिर्दिष्ट केलेल्या वेळेत निर्णय प्राप्त झाला नसेल किंवा यथास्थिती केंद्रीय जन माहिती अधिकारी किंवा राज्य जन माहिती अधिकारी यांच्या निर्णयाने जी व्यथित झालेली असेल, अशा कोणत्याही व्यक्तिला _____ दिवसांच्या आत अपील करता येईल.

- (1) 60 (2) 90 (3) 30 (4) 15

Any person who does not receive a decision within time specified in Sub-section (1) or clause (a) of Sub-section (3) of Section 7, or is aggrieved by a decision of the Central Public Information Officer or State Public Information Officer as the case may be within _____ days makes an appeal.

- (1) 60 (2) 90 (3) 30 (4) 15

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20. भारतातील कोणत्या घटक राज्यात, जून, 2019 मध्ये 150 हून जास्त मुलांची चमकी किंवा मेंदूज्वर या आजाराने मृत्यु झालेत ?

- | | |
|------------------|------------------|
| (1) पश्चिम बंगाल | (2) उत्तर प्रदेश |
| (3) हरियाणा | (4) बिहार |

In which State of India, in June, 2019 more than 150 children died of Chamki or brain fever ?

- | | |
|-----------------|-------------------|
| (1) West Bengal | (2) Uttar Pradesh |
| (3) Haryana | (4) Bihar |

21. 17 व्या लोकसभेच्या निवडणुकीसाठी खालीलपैकी कोणत्या मतदार संघात तीन टप्प्यात मतदान घेण्यात आले ?

- | | |
|---------------|-------------|
| (1) श्रीनगर | (2) पटियाला |
| (3) कोइम्बतूर | (4) अनंतनाग |

In which of the following constituency polling was conducted in three phases for the election of 17th Lok Sabha ?

- | | |
|----------------|--------------|
| (1) Srinagar | (2) Patiala |
| (3) Coimbatore | (4) Anantnag |

22. भारत सरकार कडून एप्रिल, 2019 मध्ये खालीलपैकी कोणत्या तीन बँकांचे विलीनीकरण करण्यात आले ?

- (1) बँक ऑफ बडौदा, पंजाब नॅशनल बँक, कॅनेरा बँक
- (2) पंजाब नॅशनल बँक, देना बँक, सारस्वत बँक
- (3) विजया बँक, बँक ऑफ म्हेसूर, आंध्रा बँक
- (4) बँक ऑफ बडौदा, विजया बँक, देना बँक

Which of the following three banks were merged in April, 2019 by the Government of India ?

- (1) Bank of Baroda, Punjab National Bank, Canara Bank
- (2) Punjab National Bank, Dena Bank, Saraswat Bank
- (3) Vijaya Bank, Bank of Mysore, Andhra Bank
- (4) Bank of Baroda, Vijaya Bank, Dena Bank

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23. 'तलाक-ए-बिद्दत' 2018 मुस्लिम महिलांच्या बाबतीत दण्डनीय अपराध (गुन्हा) असून त्यात काय अंतर्भूत आहेत ?

- अ. 'तलाक-ए-बिद्दत' दण्डनीय (गुन्हा) अपराध असून असे करणाऱ्या व्यक्तीस तीन वर्ष कारावास होईल.
- ब. पीडित महिला किंवा नातेवाईकानी तक्रार अर्ज केल्यास नवऱ्याला अटक करण्याचा अधिकार पोलीसाला राहिल.
- क. पीडित महिलेची वाजू ऐकल्याशिवाय, मॅजिस्ट्रेट गुन्हेगार पतीला जमानत देवू शकणार नाही.
- ड. हा अध्यादेश सहा महिन्यांपर्यंत प्रभावी राहिल.

पर्यायी उत्तरे :

- (1) फक्त अ आणि ब
- (2) फक्त क आणि ड
- (3) फक्त अ, ब आणि क
- (4) अ, ब, क आणि ड

'Talaq-e-biddat' 2018 regarding Muslim women is a punishable crime in which of the following are included ?

- a. 'Talaq-e-biddat' is a punishable crime in which the culprit will be imprisoned for three years.
- b. If the victim woman or her relatives lodge complaint against the crime, the police have rights to arrest the culprit husband of the victim woman.
- c. The magistrate cannot sanction bail to the culprit's husband without hearing of the victim woman.
- d. The petition will be effective for six months.

Answer options :

- (1) Only a and b
- (2) Only c and d
- (3) Only a, b and c
- (4) a, b, c and d

24. खालीलपैकी कोणत्या क्रिकेटपटूला 'राजीव गांधी खेल रत्न पुरस्कार, 2018' ने सन्मानित करण्यात आले ?

- (1) विराट कोहली
- (2) रोहित शर्मा
- (3) जसप्रीत बुमराह
- (4) महेंद्र सिंह धोनी

Which of the following cricketers was honoured with 'Rajiv Gandhi Khel Ratna Award, 2018' ?

- (1) Virat Kohli
- (2) Rohit Sharma
- (3) Jaspreet Bumrah
- (4) Mahendra Singh Dhoni

25. 2019 मध्ये 'फीफा' (FIFA) च्या कार्यकारिणी समितीसाठी सदस्य म्हणून निवड झालेले पहिले भारतीय व्यक्ती कोण आहेत ?

- (1) अरुण जेटली
- (2) प्रफुल्ल पटेल
- (3) राजीव प्रताप रुडी
- (4) कपिल सिब्बल

Who is the first Indian to be selected as a member, executive committee of 'FIFA' in 2019 ?

- (1) Arun Jaitley
- (2) Praful Patel
- (3) Rajiv Pratap Rudy
- (4) Kapil Sibal

26. Arrange the following phases of oestrus cycle in cow sequentially and select the **correct** sequence :

- | | |
|--------------|--------------|
| a. Metestrus | b. Estrus |
| c. Diestrus | d. Proestrus |

Answer options :

- | | |
|----------------|----------------|
| (1) d, b a, c | (2) d, a, b, c |
| (3) b, d, c, a | (4) d, c, b, a |

-
27. Which of the following statements are **correct** in case of pyometra in cow ?

- a. It is characterised by a progressive accumulation of pus in the uterus.
- b. It is usually accompanied with corpus luteum on the ovary.
- c. The uterus has more doughy and less vibrant feel.
- d. Injection progesterone is the best treatment for pyometra.

Answer options :

- | | |
|---------------------|---------------------|
| (1) Only a, b and d | (2) Only a, b and c |
| (3) Only a, c and d | (4) a, b, c and d |

-
28. The temperature of the Artificial Vagina is more important than the pressure it exerts on the penis in

- | | |
|---------|----------------------|
| a. Bull | b. Horse |
| c. Ram | d. None of the above |

Answer options :

- | | |
|------------|------------------|
| (1) Only b | (2) Only b and c |
| (3) Only d | (4) Only a and c |

-
29. What is the common sign of vibriosis infection ?

- a. Pyometra
- b. Abortion during first trimester of pregnancy
- c. Early embryonic deaths
- d. Occasional abortions from 4 months of pregnancy to term

Answer options :

- | | |
|------------------|-----------------------|
| (1) Only a and b | (2) Only c and d |
| (3) Only a | (4) None of the above |

-
30. For early pregnancy diagnosis by transrectal ultrasonography in cows

- a. Linear probe is preferred
- b. 7.5 MHz frequency is preferred
- c. Sector probe is preferred
- d. 3.5 MHz frequency is preferred

Answer options :

- | | |
|------------------|-----------------------|
| (1) Only a and d | (2) Only c and d |
| (3) Only a and b | (4) None of the above |

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31. The hormones responsible for relaxation of pelvic ligaments and cervix at parturition is/are

- a. Gonadotrophic hormones
- b. Progesterone
- c. Corticosteroids
- d. Relaxin and oestrogen

Answer options :

- (1) Only a and c
- (2) Only d
- (3) Only a and d
- (4) Only c

32. Which of the following cryoprotectants are used in semen freezing ?

- a. Glycerol
- b. Acetic acid
- c. Normal saline
- d. DMSO

Answer options :

- (1) Only b and d
- (2) Only a and c
- (3) Only a and d
- (4) Only b and c

33. Match the following pairs :

- | | |
|---------------------------------|-----------------------|
| a. Granulomatous pneumonia | i. Sequestra |
| b. Suppurative bronchopneumonia | ii. Foetalization |
| c. Fibrinous bronchopneumonia | iii. Epitheloid cells |
| d. Acute interstitial pneumonia | iv. Lobular pneumonia |

Answer options :

- | | a | b | c | d |
|-----|-----|-----|----|-----|
| (1) | i | iii | ii | iv |
| (2) | iii | iv | i | ii |
| (3) | iii | i | iv | ii |
| (4) | iv | ii | i | iii |

34. A lesion characterized by great thickening of small intestine due to extensive velvet like necrosis of mucosal lining in bird is

- (1) Ulcerative enteritis
- (2) Necrotic enteritis
- (3) Coccidiosis
- (4) Tuberculosis

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35. Four *Eimeria* spp. viz.

- | | |
|------------------------------------|------------------------------|
| a. <i>Eimeria tenella</i> , | b. <i>Eimeria necatrix</i> , |
| c. <i>Eimeria acervulina</i> , and | d. <i>Eimeria brunetti</i> , |

are responsible for clinical coccidiosis in poultry, each one of which causes lesions specifically in different part of intestinal tract. Arrange the above listed species on the basis of lesions caused by them in the intestinal tract starting from duodenum to rectum.

Answer options :

- | | |
|-------------------|-------------------|
| (1) b, c, a and d | (2) c, d, a and b |
| (3) d, b, a and c | (4) c, b, a and d |

36. Which of the following parasitic infections are sexually transmitted ?

- | | |
|----------------------------------|----------------------------------|
| a. <i>Toxoplasma gondii</i> | b. <i>Trypanosoma equiperdum</i> |
| c. <i>Sarcocystis fusiformis</i> | d. <i>Tritrichomonas foetus</i> |

Answer options :

- | | |
|------------------|------------------|
| (1) Only a and b | (2) Only b and d |
| (3) Only a and d | (4) Only a and c |

37. Read the following sentences and choose the most appropriate answer from the options given below :

- Mastitis Streptococci include *S. agalactiae*, *S. dysgalactiae* and *S. uberis*.
- S. agalactiae* produces beta hemolysis on blood agar.
- Hoti and Miller's test is used for the detection of *S. agalactiae*.
- S. dysgalactiae* shows wide zone of beta hemolysis in CAMP test.
- In direct smears of milk sediment Streptococci appear as gram-positive cocci in clusters.

Answer options :

- All of the above statements are true
- a, b and c are true, but d and e are not true
- None of the above statements are true
- a and b are true, but c, d and e are not true

कच्चा कामासाठी जागा / SPACE FOR ROUGH WORK

38. The vaccination failure could be attributed to the following factors :

- a. Inherent characteristics of vaccine.
- b. Problems with reconstitution and administration.
- c. Possibility of animals incubating the disease at the time of vaccination.
- d. Opsonization of live viral vaccines by circulating antibodies.

Which of the above statements are **correct** ?

- (1) Only a, b and c
- (2) Only b, c and d
- (3) Only a, b and d
- (4) Only a, c and d

39. The two statements are related to the diagnosis of Leptospirosis.

- a. Leptospira organisms are detected in the blood during first week of infection.
- b. The urine examination is carried out for detecting Leptospira infection after first two weeks of infection.

Choose the most **correct** answer from the options given below :

- (1) Both the statements are correct
- (2) Both the statements are incorrect
- (3) Only statement a is correct and statement b is incorrect
- (4) Only statement b is correct and statement a is incorrect

40. If the journey of drug from its extravascular site of administration across various lipoidal membrane barriers is to be illustrated, in biological fluids, which of the following will be the **correct** order ?

- (1) Interstitial fluid – Plasma – Interstitial fluid – Intracellular fluid – Intraorganelle fluid
- (2) Plasma – Interstitial fluid – Intraorganelle fluid – Interstitial fluid – Intracellular fluid
- (3) Intracellular fluid – Interstitial fluid – Plasma – Intraorganelle fluid – Interstitial fluid
- (4) Plasma – Interstitial fluid – Intracellular fluid – Interstitial fluid – Intraorganelle fluid

41. Which of the following anaesthetics increases intracranial pressure ?

- (1) Propofol
- (2) Ketamine
- (3) Etomidate
- (4) Thiopentone

कच्चा कामासाठी जागा / SPACE FOR ROUGH WORK

P.T.O.

42. Which of the following properties are desirable for the intramammary antibiotic formulation used for the treatment of acute mastitis ?

- (1) Low degree of binding to milk, Chemically a weak base, Bacteriostatic
- (2) High degree of binding to udder tissue, Chemically a weak acid, Bactericidal
- (3) Low degree of binding to milk, Chemically a weak base, Bactericidal
- (4) Low degree of binding to milk, Chemically a weak acid, Bacteriostatic

43. Which of the following ectoparasiticides induces CNS depression ?

- (1) Fipronil
- (2) Imidacloprid
- (3) Cypermethrin
- (4) Amitraz

44. Match the following pairs :

- | | |
|------------------------------------------------------|-------------------------|
| a. Cigar tail and hoof deformities | i. Fluorosis |
| b. Haemolytic crisis in sheep | ii. Copper poisoning |
| c. Rice bran diarrhoea with mucosal shreds in faeces | iii. Arsenical toxicity |
| d. Mottled teeth and shifting, diagonal lameness | iv. Selenosis |

Answer options :

- | | a | b | c | d |
|-----|----|-----|-----|-----|
| (1) | iv | ii | iii | i |
| (2) | i | iii | ii | iv |
| (3) | iv | i | ii | iii |
| (4) | iv | i | iii | ii |

कच्चा कामासाठी जागा / SPACE FOR ROUGH WORK

45. Paneer prepared from buffalo milk is characterised by

- It is white in colour, sweetish and spongy.
- It is very compact, fragile.
- It has nutty flavour and close knit texture.
- It is high in protein.

Answer options :

- | | |
|---------------------|---------------------|
| (1) a, b, c and d | (2) Only a, b and d |
| (3) Only a, b and c | (4) Only a, c and d |

46. As per the Food Safety and Standards Regulations (2011), the skimmed milk powder must possess the following minimum standards :

- Not more than 5% moisture
- Not more than 1.5% fat (m/m)
- Not less than 34% milk protein in milk solids not fat (m/m)

Answer options :

- | | |
|------------------|------------------|
| (1) Only a | (2) Only a and c |
| (3) Only b and c | (4) a, b and c |

47. Match the following pair of scalding methods with required temperature in poultry :

A	B
a. Hard scalding	i. 50 – 55.5°C
b. Sub-scalding	ii. 52 – 55°C
c. Semi-scalding	iii. 58 – 60°C
d. Soft scalding	iv. 82 – 86°C

Answer options :

	a	b	c	d
(1)	iv	iii	ii	i
(2)	i	ii	iii	iv
(3)	ii	i	iv	iii
(4)	iii	iv	ii	i

कच्चा कामासाठी जागा / SPACE FOR ROUGH WORK

P.T.O.

48. On daily basis, M/s. ABC Foods Ltd. is engaged in preparation, packaging and retailing of dairy products. As a package of practices, the company routinely undertakes fumigation of the premises using approved chemicals. In May, 2019, the Food Safety Officer during routine inspection and laboratory analysis found that the paneer samples contained traces of insecticides in excess of permitted limits. State the most appropriate act/s prevalent in the Country/State under which legal action can be initiated against the company.

- a. The Prevention of Food Adulteration Act, 1954 (37 of 1954)
- b. The Food Safety and Standards Act, 2006
- c. The Insecticides Act, 1968 (46 of 1968)
- d. The Drug and Cosmetics Act, 1940

Answer options :

- (1) Only b (2) Only a and b (3) Only b and c (4) All of the above
-

49. Which of the following insect vectors is **true** reservoir of Scrub Typhus ?

- (1) Trombiculid mites from rats (2) Xenopsylla cheopis fleas
 - (3) Glossina flies (4) All of the above
-

50. Generally a “stamping out” (culling) policy is used in India to eradicate the following disease as per OIE/WHO guidelines :

- (1) Foot and mouth disease (2) Swine erysipelas
 - (3) Avian influenza (4) Anthrax
-

51. The tripartite accord on “One health” by FAO, WHO and OIE/WHO formed in 2010, have chosen the following as priority topics for their joint action :

- (1) Anthrax, zoonotic influenza viruses and bovine spongiform encephalopathy
 - (2) Anthrax, zoonotic influenza viruses and foodborne illnesses
 - (3) Rabies, foodborne illnesses and antimicrobial resistance
 - (4) Rabies, zoonotic influenza viruses and antimicrobial resistance
-

कच्चा कामासाठी जागा / SPACE FOR ROUGH WORK

52. The descriptive epidemiological study

- a. Provides data regarding magnitude of disease
- b. Provides clues to disease aetiology
- c. Provides background data for planning and organizing preventive and curative services
- d. Describes variation in disease based on time, place and person

Answer options :

- (1) Both a and b
 - (2) Only b
 - (3) Both a and c
 - (4) All of the above
-

53. Communication between third and fourth ventricle of the brain is called

- (1) Foramina Ovale
 - (2) Aqueduct of Sylvius
 - (3) Foramina Monro
 - (4) Foramina Winslow
-

54. Adult functional kidney of mammal is

- (1) Pronephric
 - (2) Mesonephric
 - (3) Metanephric
 - (4) Epinephric
-

55. The sarcomere in the skeletal muscle extend between

- (1) Two 'T' bands
 - (2) Two 'A' bands
 - (3) Two 'Z' bands
 - (4) Two 'H' bands
-

56. False cerebri lies between

- (1) Cerebrum and cerebellum
 - (2) Cerebral hemisphere
 - (3) Cerebellum and pons
 - (4) None of the above
-

57. The lining epithelium of the trachea is _____ with goblet cell.

- (1) Stratified squamous
 - (2) Transitional
 - (3) Simple columnar
 - (4) Pseudistratified columnar
-

कच्च्या कामासाठी जागा / SPACE FOR ROUGH WORK

P.T.O.

58. Hyena disease of cattle in young calves is caused by administration of large amount of
(1) Vitamin D (2) Vitamin A (3) Vitamin C (4) Vitamin E
-
59. Anticodon is present on
(1) mRNA (2) tRNA (3) DNA (4) Chromosome
-
60. The term "free fatty acid" refers to fatty acids that are in the
(1) Unesterified state (2) Esterified state
(3) Bind state (4) All of the above
-
61. Glycogenesis occurs mainly in
(1) Spleen and Heart (2) Muscle and Liver
(3) Kidney and Spleen (4) Intestine and Gall bladder
-
62. The normal pacemaker of the heart is located in the
(1) Left atrium (2) Right ventricle
(3) Left ventricle (4) Right atrium
-
63. Tendency of people to consider their own culture of high value and superior to other is
(1) Ethnocentrism (2) Cultural lag
(3) Norms (4) Values
-
64. Which of the following group of mutually dependent people live in more or less compact continuous geographical area, share common values and have a sense of belonging to the group ?
(1) Society (2) Community
(3) Institution (4) Organization
-
65. Steps of Extension Teaching is indicated by letters of the word AIDCAS, in this word 'I' stands for
(1) Interest (2) Improvement
(3) Integrity (4) Immune
-

कच्च्या कामासाठी जागा / SPACE FOR ROUGH WORK

66. The foremost step of Extension Programme Planning is

- | | |
|-------------------------------|---------------------------------|
| (1) Identification of problem | (2) Collection of facts |
| (3) Analysis of situation | (4) Determination of objectives |

67. The rate of learning in adults is largely determined by

- | | | | |
|---------|---------|--------------|----------------|
| (1) Age | (2) Sex | (3) Literacy | (4) Motivation |
|---------|---------|--------------|----------------|

68. Which of the following statements about interpersonal channels of communication are *true* ?

- Interpersonal channels are most effective to reach a large audience.
- Feedback is readily available in interpersonal channels.
- Interpersonal channels are most efficient for bringing about attitudinal changes.
- Interpersonal channels involves a face-to-face interaction between source and receiver.

Answer options :

- | | |
|---------------------|---------------------|
| (1) Only a and c | (2) Only b and d |
| (3) Only a, b and d | (4) Only b, c and d |

69. Match the following breeds of sheep with their wool qualities :

- | | |
|--------------|---------------------|
| a. Bhakarwal | i. Very coarse wool |
| b. Magra | ii. Mixed wool |
| c. Deccani | iii. Carpet wool |
| d. Ganjam | iv. Hairy coat |

Answer options :

- | | a | b | c | d |
|-----|-----|-----|-----|----|
| (1) | i | ii | iii | iv |
| (2) | iv | iii | ii | i |
| (3) | iii | ii | iv | i |
| (4) | ii | iii | iv | i |

70. Consider the following statements :

- a. The distance or gap of three fingers between two pubic bones in laying bird indicates good layer.
- b. The distance close together (1 or 2 fingers) between pubic bones in non-laying bird indicates poor layer.

Answer options :

- (1) Statement a is true, but statement b is false
- (2) Statement a is false, but statement b is true
- (3) Statements a and b are true
- (4) Statements a and b are false

71. Which of the following is/are the way/s to prevent piglet anaemia in newborn piglets ?

- a. Giving injections of iron to newborn piglets.
- b. Adding mineral mixture to their ration.
- c. Painting the udder of sow with thick solution of copper and iron sulphate.
- d. Allowing the newborn piglets to access soil.

Answer options :

- (1) Only a (2) Only a and b (3) Only b, c and d (4) a, b, c and d

72. Which of the following is **correct** for recently developed 'Sona ray' device used for estimation in pigs ?

- a. Back fat thickness
- b. X-ray of internal organs
- c. Ultrasonography or endoscopy
- d. Loin eye area

Answer options :

- (1) Only a and b (2) Only c and d (3) Only a and c (4) Only a and d

73. The process by which carbon sinks remove carbon dioxide (CO₂) from the atmosphere is known as carbon sequestration. The main natural sinks are

- a. Absorption of CO₂ by the oceans via physico-chemical and biological processes.
- b. Photosynthesis by terrestrial plants.
- c. Landfills.
- d. Carbon capture and storage proposals.

Which of the statements given above is/are **correct** ?

- (1) Only a (2) Only b (3) Only a and b (4) Only c and d

कच्चा कामासाठी जागा / SPACE FOR ROUGH WORK

74. Match the following pair of nutrients (A) with their deficiency symptoms (B) :

(A)		(B)	
a.	Riboflavin	i.	Polyneuritis
b.	Vitamin E	ii.	Encephalomalacia
c.	Pantothenic acid	iii.	Dermatitis
d.	Thiamine	iv.	Curled toe paralysis

Answer options :

	a	b	c	d
(1)	i	ii	iv	iii
(2)	iii	iv	ii	i
(3)	iv	ii	iii	i
(4)	iv	iii	i	ii

75. The shearing of sheep should **not** be carried out in either too hot or too cold weather because

- a. The quality of wool is poor in too hot or too cold weather.
- b. Fleece protects sheep from too hot or too cold weather.
- c. Wool yield is very less during this season.

Which of the above statements is/are **correct** ?

- (1) Only a
- (2) Only a and b
- (3) Only b
- (4) a, b and c

76. The difference of mean phenotypic value between the offspring of the selected parents and the whole of the parental generation before

- (1) Selection differential
- (2) Response to selection
- (3) Phenotypic average
- (4) Genetic gain

77. The index selection is efficient over other methods of selection because it takes account of

- (1) Heritability of traits
- (2) Relative economic weights of traits
- (3) Genetic and phenotypic variances and covariance of all traits
- (4) All of the above

78. Match the following diploid numbers of chromosomes with their species :

- | | |
|------------|---------|
| a. Goat | i. 78 |
| b. Sheep | ii. 54 |
| c. Horse | iii. 60 |
| d. Poultry | iv. 64 |

Answer options :

- | | a | b | c | d |
|-----|----------|----------|----------|----------|
| (1) | i | ii | iii | iv |
| (2) | ii | iii | iv | i |
| (3) | iii | ii | iv | i |
| (4) | iii | ii | i | iv |

79. Measures of the correlation between the repeated measurements of the same individual is known as

- (1) Repeatability
- (2) Phenotypic correlation
- (3) Genetic correlation
- (4) Heritability

80. The Germplasm theory was proposed by

- | | |
|---------------------|-----------------------|
| (1) T.H. Morgan | (2) Jan Swammerdam |
| (3) August Weismann | (4) Wilhelm Johannsen |

81. If crossing over takes place in linked genes, the proportion of new/recombinant offsprings population is

- (1) More than 50 percent
- (2) Less than 50 percent
- (3) Less than 25 percent
- (4) None of the above

कच्चा कामासाठी जागा / SPACE FOR ROUGH WORK

82. Match the following accepted names of vitamins (use correct code) :

List 1 – Vitamins

List 2 – Accepted names

- | | |
|---------------------------|-----------------------------|
| a. Vitamin B ₁ | i. Pteroylmonoglutamic acid |
| b. Vitamin E | ii. Thiamin |
| c. Vitamin B ₆ | iii. D-alpha-tocopherol |
| d. Folic acid | iv. Pyridoxine |

Answer options :

- | | a | b | c | d |
|-----|----------|----------|----------|----------|
| (1) | ii | iii | iv | i |
| (2) | iii | iv | i | ii |
| (3) | i | ii | iii | iv |
| (4) | iv | i | ii | iii |

83. Read the following statements :

- Energy is the most important nutrient to produce milk.
- The energy needed depends upon the composition of milk.

Now state whether :

- Both the statements are correct
- Statement a is correct, but statement b is not correct
- Statement b is correct, but statement a is not correct
- Neither of the statements is correct

84. Choose the **correct** range.

In wet processing method, the reconstitution of grains is done to raise moisture level to

- (1) 35 – 40% (2) 25 – 30% (3) 15 – 20% (4) 12 – 15%

85. Inclusion of Guar meal in poultry diet at higher level depresses the growth because it contains

- | | |
|-------------------|--------------------------|
| (1) Saponin | (2) Cynogenetic compound |
| (3) Galactomannan | (4) Tannin |

86. Which of the following animals have a complex stomach with three chambers ?

- (1) Equines (2) Camels (3) Buffaloes (4) Cattles

87. Identify the substances depress protein utilization.

- | | |
|---------------------------|------------------------|
| a. Polyphenolic compounds | b. Protease inhibitors |
| c. Oxalic acid | d. Phytic acid |

Answer options :

- (1) Only a (2) Only a and b (3) Only b and c (4) Only d

कच्चा कामासाठी जागा / SPACE FOR ROUGH WORK

P.T.O.

88. Which of the following methods of transmission are **not** observed in spreading Rabies disease in animals ?
- (1) Bite of infected dog or cat
 - (2) Bite of infected foxes, skunks, wolves, coyotes, vampires, insectivorous and fruit eating bats
 - (3) Ingestion of milk of Rabies suffering animal
 - (4) Inhalation of virus among infected insectivorous bats
-
89. Which of the following statements is **incorrect** for "Successful use of Bovine colostrum in cross-species" ?
- (1) Bovine colostrum can be used as alternate source of colostral antibody for rearing goats free of caprine arthritis encephalitis.
 - (2) Bovine colostrum can be used safely for rearing lambs without any side effects.
 - (3) Bovine colostrum can provide same protection to newborn foals against neonatal infection.
 - (4) Bovine colostrum can be successfully used to improve the survival rate of hysterectomy produced artificially reared pigs.
-
90. Lactation tetany commonly occurs in cows turned onto lush pasture due to _____ in diet.
- (1) Deficiency of magnesium
 - (2) High concentration of potassium
 - (3) High nitrogen level
 - (4) All of the above
-
91. Deprivation of water without sodium loss is observed in _____ dehydration.
- (1) Hypertonic
 - (2) Isotonic
 - (3) Hypotonic
 - (4) None of the above
-
92. Coggins test is used for diagnosis of _____ disease.
- (1) South African Horse Sickness
 - (2) Equine Infectious Anaemia
 - (3) Equine Babesiosis
 - (4) Glanders
-
93. Macrocytic hypochromic anaemia is caused by the deficiency of
- (1) Cobalt
 - (2) Vitamin B₁₂
 - (3) Folic acid
 - (4) All of the above
-

कच्चा कामासाठी जागा / SPACE FOR ROUGH WORK

94. In developing of X-ray film
- (1) higher temperature of the developing solution requires lesser developing time and vice-versa.
 - (2) higher temperature of the developing solution requires more developing time and vice-versa.
 - (3) lower temperature of the developing solution requires lesser time and vice-versa.
 - (4) temperature of the developing solution will not affect the developing time.
-
95. Which of the following suture patterns is most appropriate for closure of hollow visceral organs having serous outer coat ?
- (1) Bunnell-Mayer suture
 - (2) Simple interrupted suture
 - (3) Horizontal mattress suture
 - (4) Cushing suture
-
96. In case of long bone fracture treatment, intramedullary pin fixation gives stability against which force on bone ?
- (1) Bending force
 - (2) Rotational force
 - (3) Impaction
 - (4) All of the above
-
97. Which of the following drugs is used for producing i/v local retrograde analgesia of extremity ?
- (1) Thiopentene sodium
 - (2) Ketamine hydrochloride
 - (3) Xylazine hydrochloride
 - (4) Lignocaine hydrochloride 2%
-
98. Which of the following is the common site of occurrence of calculi in urinary tract ?
- (1) Posterior to the scrotum in dog
 - (2) Pre-scrotal in bullock
 - (3) Post-scrotal distal to sigmoid flexure in bullock
 - (4) Neck of the bladder in dog
-
99. The contrast material used for effective radiography of gastro-intestinal tract in animals is
- (1) Barium sulphate/paste
 - (2) Iodine dye preparations
 - (3) Copper sulphate
 - (4) Magnesium sulphate
-
100. Indicate which of the following is/are absorbable suture material/s.
- a. Linen
 - b. Terelene
 - c. Collagen
 - d. Vetafil
- Answer options :**
- (1) Only a and d
 - (2) Only b
 - (3) Only c
 - (4) Only d

सूचना — (पृष्ठ 1 वरून पुढे.....)

- (8) प्रश्नपुस्तिकेमध्ये विहित केलेल्या विशिष्ट जागीच कच्चे काम (रफ वर्क) करावे. प्रश्नपुस्तिकेव्यतिरिक्त उत्तरपत्रिकेवर वा इतर कागदावर कच्चे काम केल्यास ते कॉपी करण्याच्या उद्देशाने केले आहे, असे मानले जाईल व त्यानुसार उमेदवारावर शासनाने जारी केलेल्या “परीक्षांमध्ये होणाऱ्या गैरप्रकारांना प्रतिबंध करण्याबाबतचे अधिनियम-82” यातील तरतुदीनुसार कारवाई करण्यात येईल व दोषी व्यक्ती कमाल एक वर्षाच्या कारावासाच्या आणि/किंवा रुपये एक हजार रकमेच्या दंडाच्या शिक्षेस पात्र होईल.
- (9) सदर प्रश्नपत्रिकेसाठी आयोगाने विहित केलेली वेळ संपल्यानंतर उमेदवाराला ही प्रश्नपुस्तिका स्वतःबरोबर परीक्षाकक्षाबाहेर घेऊन जाण्यास परवानगी आहे. मात्र परीक्षाकक्षाबाहेर जाण्यापूर्वी उमेदवाराने आपल्या उत्तरपत्रिकेचा भाग-1 समवेक्षकाकडे न विसरता परत करणे आवश्यक आहे.

नमुना प्रश्न

प्र. क्र. 201. सतीची चाल नष्ट करण्यासाठी कोणी मूलतः प्रयत्न केले ?

- | | |
|---------------------------|---------------------------|
| (1) स्वामी दयानंद सरस्वती | (2) ईश्वरचंद्र विद्यासागर |
| (3) राजा राममोहन रॉय | (4) गोपाळकृष्ण गोखले |

ह्या प्रश्नाचे योग्य उत्तर “(3) राजा राममोहन रॉय” असे आहे. त्यामुळे या प्रश्नाचे उत्तर “(3)” होईल. यास्तव खालीलप्रमाणे प्रश्न क्र. 201 समोरील उत्तर-क्रमांक “(3)” हे वर्तुळ पूर्णपणे छायांकित करून दाखविणे आवश्यक आहे.

प्र. क्र. 201. ① ② ● ④

अशा पद्धतीने प्रस्तुत प्रश्नपुस्तिकेतील प्रत्येक प्रश्नाचा तुमचा उत्तर-क्रमांक हा तुम्हाला स्वतंत्ररीत्या पुरविलेल्या उत्तरपत्रिकेवरील त्या त्या प्रश्नक्रमांकासमोरील संबंधित वर्तुळ पूर्णपणे छायांकित करून दाखवावा. ह्याकरिता फक्त काळ्या शाईचे बॉलपेन वापरावे, पेन्सिल वा शाईचे पेन वापरू नये.

कच्च्या कामासाठी जागा / SPACE FOR ROUGH WORK

Question Paper

Name of the Post :

Livestock Development Officer and Assistant Commissioner
Animal Husbandary

Date of the Examination :

26th Dec 2022 Shift 3

Duration :

90 Minutes

Total Marks :

200

Question Number : 1 Question Id : 750782931 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

खालील माहिती विचारात घ्या.

अ. भारताचे सरन्यायाधीश एन.व्ही. रमण्णा हे 23 ऑगस्ट 2022 रोजी सेवानिवृत्त झाले.

ब. एन.व्ही. रमण्णा हे 2 सप्टेंबर 2013 ते 16 फेब्रुवारी 2014 दरम्यान आंध्रप्रदेश उच्च न्यायालयाचे मुख्य न्यायाधीश होते.

Options :

1. 'अ' बरोबर परंतु 'ब' चूक आहे
2. 'ब' बरोबर परंतु 'अ' चूक आहे
3. 'अ' आणि 'ब' दोन्ही चूक आहेत
4. 'अ' आणि 'ब' दोन्ही बरोबर आहेत

Question Number : 1 Question Id : 750782931 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Consider the following information.

A. Chief Justice of India N.V. Ramanna retired on 23rd August 2022.

B. He was Chief Justice of Andhra Pradesh High Court since 2nd September 2013 to 16th February 2014.

Options :

1. 'A' is correct but 'B' wrong

2. 'B' is correct but 'A' wrong
3. 'A' and 'B' both are incorrect
4. 'A' and 'B' both are correct

Question Number : 2 Question Id : 750782932 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

खालीलपैकी योग्य पर्याय कोणता आहे ?

- अ. डॅनियल मेदवेदेव हा 2021 च्या फ्रेंच ओपन ग्रँडस्लॉम टेनिस स्पर्धेचा पुरुष उपविजेता आहे.
- ब. 2021 अमेरिकन ओपन ग्रँडस्लॉम टेनिस स्पर्धेची महिला विजेती एम्मा रॅडकानु ही आहे.
- क. विम्बल्डन ओपन ग्रँडस्लॉम टेनिस-स्पर्धा पुरुष गटात सर्वाधिक वेळा नोवॉक जोकोवीच याने जिंकली आहे.
- ड. बारबोरा क्रेजीकोवा ही महिला टेनिसपटू कॅनडाची आहे.

Options :

1. 'अ' आणि 'ब' बरोबर आहे
2. 'अ', 'ब' आणि 'क' बरोबर आहे
3. फक्त 'ब' बरोबर आहे
4. सर्व पर्याय बरोबर आहेत

Question Number : 2 Question Id : 750782932 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Choose the correct option/s.

- A. Daniel Medvedev is runnerup of Mens French Open Grandslam Tennis Competition 2021.
- B. Emma Raducanu is the winner of Women American Open Grandslam Tennis Competition 2021.
- C. Novac Djokovic has won Wimbledon Men Open Grandslam Tennis Competition most a time.
- D. Barbora Krejilkova is a Canedian woman tennis player.

Options :

1. 'A' and 'B' are correct
2. 'A', 'B' and 'C' are correct
3. Only 'B' is correct
4. All are correct

Question Number : 3 Question Id : 750782933 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

भारतातील पहिली कार्बन-न्युट्रल ग्रामपंचायत 'पल्ली' ही कोणत्या राज्यात आहे ?

Options :

1. केरळ
2. दिल्ली
3. जम्मू-काश्मिर
4. पंजाब

Question Number : 3 Question Id : 750782933 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

In which State is the Palli-Grampanchayat, which is the first carbon-neutral Grampanchayat in India ?

Options :

1. Kerala
2. Delhi
3. Jammu and Kashmir
4. Punjab

Question Number : 4 Question Id : 750782934 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

भारत सरकारने सुरू केलेले ई-अमृत पोर्टल हे खालीलपैकी कशाशी संबंधित आहे ?

Options :

1. निर्यात
2. गुंतवणूक
3. इलेक्ट्रीक वाहने
4. इलेक्ट्रॉनिक्स

Question Number : 4 Question Id : 750782934 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

E-Amrit portal, launched by Indian Government is related to

Options :

1. Export
2. Investment
3. Electric Vehicles
4. Electronics

Question Number : 5 Question Id : 750782935 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

पद्मश्री पुरस्कार 2022 बाबत अयोग्य जोडी ओळखा.

Options :

1. सुश्री माधुरी बर्थवाल - कला
2. हिमतराव बाविस्कर - कला
3. श्री. प्रमोद भगत - खेळ
4. आचार्य चंदनाजी - सामाजिक कार्य

Question Number : 5 Question Id : 750782935 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which is odd pair about Padmashri Award 2022

Options :

1. Sushri Madhuri Barthwal - Art
2. Himmatrao Baviskar - Art
3. Shri Pramod Bhagat - Sports
4. Aacharya Chandnaji - Social work

Question Number : 6 Question Id : 750782936 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

‘जागतिक एड्स दिनाबाबत’ खालील विधानांचा विचार करा.

अ. या दिनाची सुरुवात 1987 पासून झाली आहे.

ब. 2021 मधील एड्स दिनाची संकल्पना “असमानता संपवा, एड्स संपवा, महामारी संपवा” ही होती.

Options :

1. 'अ' बरोबर परंतु 'ब' चूक आहे
2. 'अ' चूक परंतु 'ब' बरोबर आहे
3. 'अ' आणि 'ब' दोन्ही चूक आहेत
4. 'अ' आणि 'ब' दोन्ही बरोबर आहेत

Question Number : 6 Question Id : 750782936 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Consider the following statements about 'World Aids Day'.

- A. This day is celebrated from 1987.
- B. The theme of Aids day 2021 was "End Inequality, End Aids and End the Pandemic".

Options :

1. 'A' is correct but 'B' is false
2. 'A' is false but 'B' is correct
3. 'A' and 'B' both are false
4. 'A' and 'B' both are correct

Question Number : 7 Question Id : 750782937 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

"By Many a Happy Accident : Recollection of a life" या पुस्तकाचे लेखक कोण आहेत ?

Options :

1. एस.वाय. कुरेशी
2. झुम्पा लाहीरी
3. सलमान खुर्शीद
4. एम. हमीद अन्सारी

Question Number : 7 Question Id : 750782937 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Who wrote the book "By Many a Happy Accident : Recollection of a life" ?

Options :

1. S.Y. Qureshi
2. Jhumpa Lahiri
3. Salman Khurshid
4. M. Hamid Ansari

Question Number : 8 Question Id : 750782938 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

‘जागतिक अन्न सुरक्षा निर्देशांक – 2021’ बाबत खालील विधानांचा विचार करा.

- अ. हा अहवाल लंडन स्थित “इकॉनॉमिस्ट ईम्पॅक्ट” या संस्थेने तयार केला होता.
- ब. या अहवालात 113 देशांच्या यादीत भारत 57.2 गुणांसह 71 व्या स्थानावर होता.
- क. या यादीत पाकिस्तान 77 व्या नव्हे तर 78 व्या स्थानावर होता.
- ड. जागतिक क्रमवारीत आयर्लंड हा देश प्रथम स्थानावर होता.

Options :

1. ‘अ’ आणि ‘ब’ विधाने बरोबर आहेत
2. ‘अ’, ‘ब’ आणि ‘क’ विधाने बरोबर आहेत
3. ‘अ’, ‘ब’ आणि ‘ड’ विधाने बरोबर आहेत
4. वरील सर्व विधाने बरोबर आहेत

Question Number : 8 Question Id : 750782938 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Consider the statements regarding Global Food Security Index – 2021.

- A. This report was prepared by London based organisation “Economist Impact”.
- B. In this report India was at 71st position with 57.2 score, among the list of 113 countries.
- C. In this list Pakistan was not on the 77th but 78th position.
- D. Ireland was on the first position among the global ranking.

Options :

1. Statements ‘A’ and ‘B’ are correct
2. Statements ‘A’, ‘B’ and ‘C’ are correct
3. Statements ‘A’, ‘B’ and ‘D’ are correct

4. All statements are correct

Question Number : 9 Question Id : 750782939 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

भारतातील पहिली 'व्यावसायिक अंतराळ परिस्थितीजन्य जागरूकता वेधशाळा' कोणत्या राज्यात नियोजित आहे ?

Options :

1. उत्तराखंड
2. मणिपूर
3. दिल्ली
4. हिमाचल प्रदेश

Question Number : 9 Question Id : 750782939 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

In which State in India the first ever 'Commercial Space Situational Awareness Observatory' is proposed to set up ?

Options :

1. Uttarakhand
2. Manipur
3. Delhi
4. Himachal Pradesh

Question Number : 10 Question Id : 750782940 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

2021 चे साहित्यासाठीचे नोबेल विजेते अब्दुल रझाक गुर्नाह यांनी खालीलपैकी कोणते पुस्तक लिहिलेले नाही ?

Options :

1. द वर्ल्ड लाईट
2. मेमरी ऑफ डिपार्चर
3. पॅराडाईज
4. द लास्ट गिफ्ट

Question Number : 10 Question Id : 750782940 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following book is not written by Abdul Razak Gurnah winner of the 2021 Nobel prize in Literature ?

Options :

1. The Wild Light
2. Memory of Departure
3. Paradise
4. The Last Gift

Question Number : 11 Question Id : 750782941 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

खालीलपैकी कोणत्या देशाने “धूम्रपानमुक्त” देश करण्याची घोषणा केली आहे ?

Options :

1. फिनलँड
2. फ्रान्स
3. न्यूझीलँड
4. स्कॉटलँड

MpscGuidance

Question Number : 11 Question Id : 750782941 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following countries have declared to make “Smoke-free” country ?

Options :

1. Finland
2. France
3. New Zealand
4. Scotland

Question Number : 12 Question Id : 750782942 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

नुकतेच निधन पावलेल्या एम.शारदा मेनन यांच्या बाबत चुकीचे विधान कोणते आहे ?

- अ. त्या भारतातील पहिल्या महिला मानसोपचार तज्ञ म्हणून ओळखल्या जातात.
- ब. त्यांना 1992 मध्ये भारत सरकार द्वारा पद्मभूषण पुरस्काराने गौरविण्यात आले होते.
- क. त्यांचा जन्म मंगळुरु (कर्नाटक) येथे झाला होता.
- ड. त्यांनी 2010 मध्ये स्किझोफ्रेनिया रिसर्च फाउंडेशन (स्कार्फ) ची स्थापना केली होती.

Options :

- 1. 'अ' हे अयोग्य विधान आहे
- 2. 'ब' हे अयोग्य विधान आहे
- 3. 'क' हे अयोग्य विधान आहे
- 4. 'ड' हे अयोग्य विधान आहे

Question Number : 12 Question Id : 750782942 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following is not correct about recently demised M. Sarda Menon ?

- A. She was known as India's first woman Psychiatrist.
- B. She was conferred with Padmabhushan Award by the Government of India in 1992.
- C. She was born in Mangaluru in Karnataka.
- D. She had established Schizophrenia Research Foundation (Scarf) in 2010.

Options :

- 1. Statement 'A' is incorrect
- 2. Statement 'B' is incorrect
- 3. Statement 'C' is incorrect
- 4. Statement 'D' is incorrect

Question Number : 13 Question Id : 750782943 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

खालीलपैकी कोण 'ज्युनियर हॉकी विश्वचषक 2021' चा विजेता आहे ?

Options :

- 1. जर्मनी
- 2. फ्रान्स

3. अर्जेन्टिना

4. स्पेन

Question Number : 13 Question Id : 750782943 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Who of the following is the winner of 'Junior Hockey World Cup 2021' ?

Options :

1. Germany

2. France

3. Argentina

4. Spain

Question Number : 14 Question Id : 750782944 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

2020 च्या उस्मानाबाद मधील 'मराठी साहित्य सम्मेलनाचे' अध्यक्षपद कोणी भूषविले होते ?

Options :

1. अरुणा ढेरे

2. जयंत नारळीकर

3. फादर फ्रान्सिस दिब्रिटो

4. डॉ. लक्ष्मीकांत देशमुख

Question Number : 14 Question Id : 750782944 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Who presided the 'Marathi Sahitya Sammelan' 2020 at Osmanabad ?

Options :

1. Aruna Dhere

2. Jayant Narlikar

3. Father Fransis Dibrito

4. Dr. Laxmikant Deshmukh

Question Number : 15 Question Id : 750782945 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

अयोग्य जोडी ओळखा.

संघटना		मुख्यालय
A. नाटो	—	बेलग्रेड
B. यु.एन.-वुमेन	—	न्यूयार्क
C. रेडक्रॉस	—	जिनिव्हा
D. ओपेक	—	व्हिएन्ना

Options :

1. A
2. B
3. C
4. D

Question Number : 15 Question Id : 750782945 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which is odd pair of the following ?

Organisation		Headquarter
A. NATO	—	Belgrade
B. UN-Women	—	New York
C. Red-Cross	—	Geneva
D. OPEC	—	Vienna

Options :

1. A
2. B
3. C
4. D

Question Number : 16 Question Id : 750782946 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

भारतीय सैन्यास सर्वाधिक सुरक्षित कार 'क्विक रिएक्शन फाईटींग व्हेईकल मिडीअम' ही कोणत्या कार कंपनी द्वारे पुरविण्यात आली आहे ?

Options :

1. सुझुकी
2. टोयोटा
3. टाटा
4. महेंद्रा

Question Number : 16 Question Id : 750782946 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which car company has provided the safest car 'Quick Reaction Fighting Vehicle Medium' to Indian Army ?

Options :

1. Suzuki
2. Toyota
3. Tata
4. Mahendra

MpscGuidance

Question Number : 17 Question Id : 750782947 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

जोड्या जुळवून योग्य पर्याय निवडा.

(नद्या)

(उगम स्थान)

- | | |
|------------|-------------------------------|
| a. कृष्णा | i. सातपुरा (मध्यप्रदेश) |
| b. गोदावरी | ii. अरावली (राजस्थान) |
| c. साबरमती | iii. महाबळेश्वर (महाराष्ट्र) |
| d. तापी | iv. त्रिंबकेश्वर (महाराष्ट्र) |

Options :

- | | | | |
|-----|----|----|---|
| a | b | c | d |
| iii | iv | ii | i |
- 1.
- | | | | |
|----|-----|----|---|
| a | b | c | d |
| iv | iii | ii | i |
- 2.

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| ii | iv | iii | i |
- 3.

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| i | ii | iii | iv |
- 4.

Question Number : 17 Question Id : 750782947 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Match the following and choose the correct code.

(Rivers)

- Krishna
- Godavari
- Sabarmati
- Tapi

(Origin Place)

- Satpura (Madhya Pradesh)
- Aravali (Rajasthan)
- Mahabaleshwar (Maharashtra)
- Triambakeshwar (Maharashtra)

Options :

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| iii | iv | ii | i |
- 1.

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| iv | iii | ii | i |
- 2.

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| ii | iv | iii | i |
- 3.

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| i | ii | iii | iv |
- 4.

Question Number : 18 Question Id : 750782948 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

जोड्या जुळवून योग्य पर्याय निवडा.

जागतिक व्यापार संघटनेच्या मंत्रीस्तरीय परिषदा

(परिषदेचे ठिकाण)

- नैरोबी
- जिनेव्हा
- हाँगकाँग
- बाली

(परिषदेचे वर्ष)

- २०१३
- २०१५
- २०२२
- २००५

Options :

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| iv | iii | ii | i |
- 1.

	a	b	c	d
2.	ii	iii	iv	i

	a	b	c	d
3.	iii	ii	iv	i

	a	b	c	d
4.	i	ii	iii	iv

Question Number : 18 Question Id : 750782948 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Match the following and choose the correct code.

Minister level conferences of WTO

(Conference Venue)		(Conference Year)	
a.	Nairobi	i.	2013
b.	Geneva	ii.	2015
c.	Hongkong	iii.	2022
d.	Bali	iv.	2005

Options :

	a	b	c	d
1.	iv	iii	ii	i

	a	b	c	d
2.	ii	iii	iv	i

	a	b	c	d
3.	iii	ii	iv	i

	a	b	c	d
4.	i	ii	iii	iv

Question Number : 19 Question Id : 750782949 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

खालीलपैकी महाराष्ट्र राज्यातील लिम्फॅटिक फिलेरियासीसच्या (हत्ती रोग) निर्मूलनासाठी अधिकृत ब्रँड अँम्बेसेडर कोण आहे ?

Options :

1. रोनीत रॉय

2. अरुण गोविल

3. स्वप्नील जोशी

4. मोहित रैना

Question Number : 19 Question Id : 750782949 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Who among the following is the official brand ambassador for the elimination of Lymphatic Filariasis in the State of Maharashtra ?

Options :

1. Ronit Roy
2. Arun Govil
3. Swapnil Joshi
4. Mohit Raina

Question Number : 20 Question Id : 750782950 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

नैसर्गिक शेती संदर्भातील खालील विधाने विचारात घ्या :

- a. या प्रकारची शेती ही रसायन विरहीत शेतीचा प्रचार करते.
- b. नैसर्गिक शेतीची सुरुवात १९९० मध्ये कृषीतज्ञ सुभाष पाळेकर यांनी केली होती.

वरीलपैकी कोणते विधान/विधाने बरोबर आहे/आहेत ?

Options :

1. फक्त a
2. फक्त b
3. a आणि b दोन्ही
4. a आणि b पैकी एकही नाही

Question Number : 20 Question Id : 750782950 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Consider the following statements about Natural Farming :

- a. It is a type of farming that promotes chemical free agricultural practices.
- b. It was introduced by agriculturist Subhash Palekar in 1990.

Which of the statements given above is/are correct ?

Options :

1. Only a
2. Only b
3. Both a and b
4. Neither a nor b

Question Number : 21 Question Id : 750782951 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

जर केन्द्रीय जन माहिती अधिकाऱ्याने माहिती मागणाऱ्या विनंती अर्जावर निर्णय कायद्याने निर्धारित केलेल्या वेळेत माहिती दिली नाही तर खालीलपैकी कोणते विधान बरोबर आहे ?

Options :

1. अशा अधिकाऱ्याने माहिती देण्यास नकार दिला आहे असे गृहीत धरले जाते.
2. माहिती अधिकाऱ्याला दंड भरून विनंती अर्जात मागितलेली माहिती द्यावी लागेल.
3. असा विनंती अर्ज ३० दिवसानंतर रद्दबातल होईल आणि पुन्हा नव्याने विनंती अर्ज करावा लागेल.
4. माहिती अधिकाऱ्याने विनंती अर्ज मान्य केला आहे असे गृहीत धरले जाईल आणि मागितलेली माहिती देणे माहिती अधिकाऱ्यावर बंधनकारक असेल.

Question Number : 21 Question Id : 750782951 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

If the Central Public Information Officer fails to give decision on the request for information within the specified period, which of the following is correct ?

Options :

1. He shall be deemed to have refused the request.
2. He is required to pay fine and provide the information
3. The request lapses after the period of 30 days and a fresh request is required to be made.
4. He shall be deemed to have agreed to honour the request and is bound to give the information so requested.

Question Number : 22 Question Id : 750782952 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

माहिती अधिकार अधिनियम, २००५ व शासकीय गुपिते अधिनियम, १९२३ यांच्या तरतूदीत विसंगती आढळून आल्यास

Options :

1. माहिती अधिकार अधिनियम, २००५ लागू होणार
2. शासकीय गुपिते अधिनियम, १९२३ लागू होणार
3. माननीय राष्ट्रपतींच्या आदेशानुसार दोन्हीपैकी एक कायदा लागू केला जाईल
4. दोन्ही अधिनियम लागू होणार नाही

Question Number : 22 Question Id : 750782952 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

In case of inconsistency in the provisions of the Right to Information Act, 2005 and the Official Secrets Act, 1923

Options :

1. The Right to Information Act, 2005 will be applicable
2. The Official Secrets Act, 1923 will be applicable
3. As per the orders of Hon'ble President, one of these two Acts will be applicable
4. None of these two Acts will be applicable

Question Number : 23 Question Id : 750782953 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

माहिती अधिकार अधिनियम, २००५ च्या कलम ८ नुसार, खालीलपैकी कोणती माहिती प्रकट करण्याबाबत अपवाद आहे ?

- अ. जी माहिती प्रकट केल्याने संबंधीत विभागाची बदनामी होईल.
- ब. जी माहिती प्रकट केल्याने व्यक्तीच्या जीवितास धोका निर्माण होईल.
- क. जी माहिती प्रकट करणे तत्सम अधिकाऱ्यास योग्य वाटत नाही.
- ड. जी माहिती प्रकट केल्याने संसदेच्या विशेषाधिकाराचा भंग होईल.

Options :

1. अ आणि ब
2. अ आणि ड
3. ब आणि ड

4. क आणि अ

Question Number : 23 Question Id : 750782953 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

As per Section 8 of the Right to Information Act, 2005, which of the following constitute Exemption from disclosure of information ?

- Information, disclosure of which will result into defamation of the concerned department.
- Information, the disclosure of which would endanger the life of any person.
- Information, disclosure of which is not considered proper by the respective officer.
- Information, disclosure of which would cause a breach of parliamentary privileges.

Options :

- a and b
- a and d
- b and d
- c and a

MpscGuidance

Question Number : 24 Question Id : 750782954 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

माहिती अधिकार अधिनियम, २००५ हा या हेतूने करण्यात आला.

- भ्रष्टाचार रोखणे
- सरकारी कर्मचाऱ्यांमध्ये भीति व धाक निर्माण करणे
- केन्द्रीय माहिती आयोगाची स्थापना करण्यासाठी
- शासनाच्या कामात पारदर्शकता वाढावी म्हणून वरीलपैकी कोणते विधान/विधाने बरोबर आहे/आहेत ?

Options :

- अ, क आणि ब
- ब, ड आणि क
- अ, क आणि ड
- ब, ड आणि अ

Question Number : 24 Question Id : 750782954 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The Right to Information Act, 2005 has been enacted with objective/s of

- To stop corruption
- To instill fear and pressure among government servants
- To establish Central Information Commission
- To promote transparency in the working of government

Which of the statement/s given above is/are correct ?

Options :

- a, c and b
- b, d and c
- a, c and d
- b, d and a

Question Number : 25 Question Id : 750782955 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

खालीलपैकी कोणती माहिती ही माहिती अधिकाऱ्याने देण्याची गरज नाही ?

Options :

- जी माहिती दिली असता व्यक्तीची खाजगी माहिती नसल्याने त्या व्यक्तीच्या खाजगीपणाच्या अधिकाराचे उल्लंघन होणार नाही अशी माहिती
- कायदेशीर न्यायालयाच्या हुकुमाद्वारे जी माहिती प्रसिद्ध करण्यास बंदी घातली आहे अशी माहिती
- जी माहिती विश्वासाह नाते संबंधातून मिळालेली नाही आणि जिच्यामुळे कोणा व्यक्तीच्या जीवाला अथवा सुरक्षिततेला धोका पोचणार नाही अशी माहिती
- जी माहिती दिल्याने तपास प्रक्रियेमध्ये अडथळा येणार नाही अथवा गुन्हेगारावर खटला चालवण्यास प्रतिबंध होणार नाही अशी माहिती

Question Number : 25 Question Id : 750782955 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The Information Officer not required to divulge information in which of the following cases ?

Options :

- Information which has no personal information that would breach the privacy of the persons

Information which has been expressly forbidden to be published by any court of law

Information not available to a person in his fiduciary relationship and which would not endanger the life or physical safety of any person

Information which would not impede the process of investigation or apprehension or prosecution of offender

Question Number : 26 Question Id : 750782956 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The renal threshold for glucose in cat is

Options :

1. 100 to 320 mg/dl
2. 120 to 180 mg/dl
3. 140 to 200 mg/dl
4. None of the above

MpscGuidance

Question Number : 26 Question Id : 750782956 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The renal threshold for glucose in cat is

Options :

1. 100 to 320 mg/dl
2. 120 to 180 mg/dl
3. 140 to 200 mg/dl
4. None of the above

Question Number : 27 Question Id : 750782957 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

A high incidence of stillbirths and weak, new born animals is common manifestation of

Options :

1. Iodine deficiency
2. Vitamin E deficiency

3. Selenium toxicosis

4. Copper deficiency

Question Number : 27 Question Id : 750782957 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

A high incidence of stillbirths and weak, new born animals is common manifestation of

Options :

1. Iodine deficiency

2. Vitamin E deficiency

3. Selenium toxicosis

4. Copper deficiency

Question Number : 28 Question Id : 750782958 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Hepatogenous photosensitization is caused by the ingestion of

Options :

1. Blue-green algae on drinking water

2. *Lantana camara* plant

3. Grass infested with *Pithomyces chartarum* fungus

4. All of these

Question Number : 28 Question Id : 750782958 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Hepatogenous photosensitization is caused by the ingestion of

Options :

1. Blue-green algae on drinking water

2. *Lantana camara* plant

3. Grass infested with *Pithomyces chartarum* fungus

4. All of these

Question Number : 29 Question Id : 750782959 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Canine Parvovirus (CPV) is shed in the faeces of infected dog even after clinical recovery for a period about

Options :

1. 10 days
2. 8 days
3. 16 days
4. 14 days

Question Number : 29 Question Id : 750782959 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Canine Parvovirus (CPV) is shed in the faeces of infected dog even after clinical recovery for a period about

Options :

1. 10 days
2. 8 days
3. 16 days
4. 14 days

MpscGuidance

Question Number : 30 Question Id : 750782960 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Major pathogen(s) associated with contagious mastitis in bovines include

Options :

1. *Staphylococcus aureus*
2. *Streptococcus dysgalactiae*
3. *Escherichia Coli*
4. Both (1) and (3)

Question Number : 30 Question Id : 750782960 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Major pathogen(s) associated with contagious mastitis in bovines include

Options :

1. *Staphylococcus aureus*
2. *Streptococcus dysgalactiae*

3. *Escherichia Coli*

4. Both (1) and (3)

Question Number : 31 Question Id : 750782961 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The causative agent of 'Glanders' is

Options :

1. *Burkholderia mallei*

2. *Mycobacterium equi*

3. *Rhinosporidium equi*

4. None of the above

Question Number : 31 Question Id : 750782961 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The causative agent of 'Glanders' is

Options :

1. *Burkholderia mallei*

2. *Mycobacterium equi*

3. *Rhinosporidium equi*

4. None of the above

Question Number : 32 Question Id : 750782962 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Tarsorrhaphy is recommended in which of the following condition/s ?

- a. Corneal irritation due to entropion
- b. Intraocular parasite
- c. Corneal edema
- d. Distichiasis

Options :

1. a only

2. a, b and d only

3. a and d only

4. b and c only

Question Number : 32 Question Id : 750782962 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Tarsorrhaphy is recommended in which of the following condition/s ?

- a. Corneal irritation due to entropion
- b. Intraocular parasite
- c. Corneal edema
- d. Distichiasis

Options :

- 1. a only
- 2. a, b and d only
- 3. a and d only
- 4. b and c only

Question Number : 33 Question Id : 750782963 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which suture material is not absorbed into the body tissues ?

Options :

- 1. Kangaroo tendon
- 2. Umbilical tape
- 3. Catgut
- 4. All of the above

Question Number : 33 Question Id : 750782963 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which suture material is not absorbed into the body tissues ?

Options :

- 1. Kangaroo tendon
- 2. Umbilical tape
- 3. Catgut
- 4. All of the above

Question Number : 34 Question Id : 750782964 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Reticular foreign bodies are removed by performing

- a. Reticulotomy
- b. Omasotomy
- c. Abomasotomy
- d. Rumenotomy

Options :

- 1. a and d only
- 2. a and c only
- 3. a, b and c only
- 4. d only

Question Number : 34 Question Id : 750782964 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Reticular foreign bodies are removed by performing

- a. Reticulotomy
- b. Omasotomy
- c. Abomasotomy
- d. Rumenotomy

Options :

- 1. a and d only
- 2. a and c only
- 3. a, b and c only
- 4. d only

Question Number : 35 Question Id : 750782965 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Match the following :

- | | |
|----------------------|-------------------------------------------------------------|
| a. Bucked Knee | I. Inflammation of Carpal Joint |
| b. Hygroma of Carpus | II. Medial Deviation of Carpal Joint |
| c. Knock Knee | III. Anterior Deviation of Carpal Joint |
| d. Popped Knee | IV. Synovial Swelling over anterior surface of Carpal Joint |

Options :

- | | a | b | c | d |
|----|-----|----|----|---|
| 1. | III | IV | II | I |

	a	b	c	d
2.	III	IV	I	II

	a	b	c	d
3.	II	IV	III	I

	a	b	c	d
4.	II	IV	I	III

Question Number : 35 Question Id : 750782965 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Match the following :

- | | |
|----------------------|-------------------------------------------------------------|
| a. Bucked Knee | I. Inflammation of Carpal Joint |
| b. Hygroma of Carpus | II. Medial Deviation of Carpal Joint |
| c. Knock Knee | III. Anterior Deviation of Carpal Joint |
| d. Popped Knee | IV. Synovial Swelling over anterior surface of Carpal Joint |

Options :

	a	b	c	d
1.	III	IV	II	I

	a	b	c	d
2.	III	IV	I	II

	a	b	c	d
3.	II	IV	III	I

	a	b	c	d
4.	II	IV	I	III

Question Number : 36 Question Id : 750782966 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The main reducing agent present in developing chemicals used in radiography is

Options :

1. Hydroquinone
2. Salts of aluminum
3. Sodium thiosulfate
4. None of the above

Question Number : 36 Question Id : 750782966 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The main reducing agent present in developing chemicals used in radiography is

Options :

1. Hydroquinone
2. Salts of aluminum
3. Sodium thiosulfate
4. None of the above

Question Number : 37 Question Id : 750782967 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The example of positive contrast media used in contrast radiography is

Options :

1. Air
2. Oxygen
3. Barium
4. None of the above

MpscGuidance

Question Number : 37 Question Id : 750782967 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The example of positive contrast media used in contrast radiography is

Options :

1. Air
2. Oxygen
3. Barium
4. None of the above

Question Number : 38 Question Id : 750782968 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The term "hyperechoic" is used in

- a. Ultrasonography
- b. Radiography
- c. Scintigraphy
- d. Fluoroscopy

Options :

1. a and c only
2. a and d only
3. a only
4. All of these

Question Number : 38 Question Id : 750782968 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The term "hyperechoic" is used in

- a. Ultrasonography
- b. Radiography
- c. Scintigraphy
- d. Fluoroscopy

Options :

1. a and c only
2. a and d only
3. a only
4. All of these

MpscGuidance

Question Number : 39 Question Id : 750782969 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Undesired pregnancy in bitches can be prevented by using any one treatment consisting of

- a. Diethyl stilbesterol
- b. Estradiol benzoate
- c. Estradiol propionate
- d. Estradiol valerate

Options :

1. a, b and c only
2. a and c only
3. None of the above
4. All of the above

Question Number : 39 Question Id : 750782969 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Undesired pregnancy in bitches can be prevented by using any one treatment consisting of

- a. Diethyl stilbesterol
- b. Estradiol benzoate
- c. Estradiol propionate
- d. Estradiol valerate

Options :

- 1. a, b and c only
- 2. a and c only
- 3. None of the above
- 4. All of the above

Question Number : 40 Question Id : 750782970 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Match the pairs of following obstetrical conditions and instruments/manoeuvres for correcting/relieving them.

- | | |
|-----------------------------------|--------------------------|
| a. Incomplete cervical dilatation | I. Rope truss |
| b. Prolapse of uterus | II. Wooden plank |
| c. Torsion of uterus | III. Traction |
| d. Oversize fetus | IV. Digital manipulation |

Options :

- | | a | b | c | d |
|----|-----|-----|----|-----|
| 1. | IV | III | II | I |
| 2. | III | II | I | IV |
| 3. | IV | I | II | III |
| 4. | II | I | IV | III |

Question Number : 40 Question Id : 750782970 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Match the pairs of following obstetrical conditions and instruments/manoeuvres for correcting/relieving them.

- | | |
|-----------------------------------|--------------------------|
| a. Incomplete cervical dilatation | I. Rope truss |
| b. Prolapse of uterus | II. Wooden plank |
| c. Torsion of uterus | III. Traction |
| d. Oversize fetus | IV. Digital manipulation |

Options :

	a	b	c	d
1.	IV	III	II	I

	a	b	c	d
2.	III	II	I	IV

	a	b	c	d
3.	IV	I	II	III

	a	b	c	d
4.	II	I	IV	III

Question Number : 41 Question Id : 750782971 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following is the correct angle for holding the insemination gun at the time of AI ?

Options :

1. 30°

2. 60°

3. 90°

4. 180°

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Question Number : 41 Question Id : 750782971 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following is the correct angle for holding the insemination gun at the time of AI ?

Options :

1. 30°

2. 60°

3. 90°

4. 180°

Question Number : 42 Question Id : 750782972 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following tests are associated with evaluation of bull semen quality ?

- a. Hypo osmotic stress
- b. Alkaline and acid phosphatase
- c. Fructolytic index
- d. Cervical mucus penetration

Options :

- 1. a and d only
- 2. a, c and d only
- 3. b and d only
- 4. All of these

Question Number : 42 Question Id : 750782972 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following tests are associated with evaluation of bull semen quality ?

- a. Hypo osmotic stress
- b. Alkaline and acid phosphatase
- c. Fructolytic index
- d. Cervical mucus penetration

Options :

- 1. a and d only
- 2. a, c and d only
- 3. b and d only
- 4. All of these

Question Number : 43 Question Id : 750782973 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

A repeat breeder cow suspected for ovulatory failure can treated with

- a. Gonadotropin releasing hormone
- b. Progesterone
- c. Human chorionic gonadotropin
- d. Follicle stimulating hormone

Options :

- 1. a, b and d only
- 2. a and c only
- 3. a, c and d only

4. b and d only

Question Number : 43 Question Id : 750782973 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

A repeat breeder cow suspected for ovulatory failure can treated with

- a. Gonadotropin releasing hormone
- b. Progesterone
- c. Human chorionic gonadotropin
- d. Follicle stimulating hormone

Options :

- 1. a, b and d only
- 2. a and c only
- 3. a, c and d only
- 4. b and d only

Question Number : 44 Question Id : 750782974 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following statements are correct in relation to estrous in buffaloes ?

- a. Homosexual behaviour is observed only occasionally.
- b. Homosexual behaviour is observed most frequently.
- c. Frequent urination is observed commonly.

Options :

- 1. a and c are correct
- 2. b and c are correct
- 3. a and b are correct
- 4. All are correct

Question Number : 44 Question Id : 750782974 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following statements are correct in relation to estrous in buffaloes ?

- a. Homosexual behaviour is observed only occasionally.
- b. Homosexual behaviour is observed most frequently.
- c. Frequent urination is observed commonly.

Options :

- 1. a and c are correct

2. b and c are correct
3. a and b are correct
4. All are correct

Question Number : 45 Question Id : 750782975 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following is the follicular phase refer to the period from antral follicle formation to

Options :

1. Ovulation
2. Fertilization
3. Implantation
4. Gestation

Question Number : 45 Question Id : 750782975 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following is the follicular phase refer to the period from antral follicle formation to

Options :

1. Ovulation
2. Fertilization
3. Implantation
4. Gestation

Question Number : 46 Question Id : 750782976 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Abnormal ventral curvature of spine is called as

Options :

1. Kyphosis
2. Lordosis
3. Scoliosis
4. Spondylo

Question Number : 46 Question Id : 750782976 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Abnormal ventral curvature of spine is called as

Options :

1. Kyphosis
2. Lordosis
3. Scoliosis
4. Spondylo

Question Number : 47 Question Id : 750782977 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following is not a feature of neoplasm ?

Options :

1. Pleomorphism
2. Anaplasia
3. Mitosis
4. Dysplasia

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Question Number : 47 Question Id : 750782977 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following is not a feature of neoplasm ?

Options :

1. Pleomorphism
2. Anaplasia
3. Mitosis
4. Dysplasia

Question Number : 48 Question Id : 750782978 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

'Xenodiagnosis' can be used for confirmative diagnosis of which of the following haemoprotozoa ?

Options :

1. Trypanosoma evansi

2. Trypanosoma vivax
3. Trypanosoma cruzi
4. Trypanosoma congolense

Question Number : 48 Question Id : 750782978 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

'Xenodiagnosis' can be used for confirmative diagnosis of which of the following haemoprotozoa ?

Options :

1. Trypanosoma evansi
2. Trypanosoma vivax
3. Trypanosoma cruzi
4. Trypanosoma congolense

Question Number : 49 Question Id : 750782979 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The dogs may drag their anus over the ground due to following reasons.

- a. Dipylidium caninum infection.
- b. Migration of gravid proglottid in perianal region causes irritation.
- c. Pruritus ani and impacted anal glands may also be responsible.

Which statement among the above is true ?

Options :

1. a is true but b and c are false
2. a and b are true but c is false
3. a and c are true but b is false
4. All are true

Question Number : 49 Question Id : 750782979 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The dogs may drag their anus over the ground due to following reasons.

- a. Dipylidium caninum infection.
- b. Migration of gravid proglottid in perianal region causes irritation.
- c. Pruritus ani and impacted anal glands may also be responsible.

Which statement among the above is true ?

Options :

1. a is true but b and c are false
2. a and b are true but c is false
3. a and c are true but b is false
4. All are true

Question Number : 50 Question Id : 750782980 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

- a. The Avian Influenza Virus (AIV) strains containing H5 and H7 are frequently associated with high mortality.
- b. AI virus strains can be isolated in embryonated chicken eggs by allantoic cavity route and in chicken kidney cell culture.
- c. AI virus is an RNA virus belonging to family Orthomyxoviridae.
- d. Chickens act as a 'mixing vessel' where various strains of influenza virus can come together, undergo reassortment resulting in generation of new strains.

Which of the statements given above is/are correct ?

Options :

1. a and b only
2. b and d only
3. a, b and c only
4. b, c and d only

Question Number : 50 Question Id : 750782980 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

- a. The Avian Influenza Virus (AIV) strains containing H5 and H7 are frequently associated with high mortality.
- b. AI virus strains can be isolated in embryonated chicken eggs by allantoic cavity route and in chicken kidney cell culture.
- c. AI virus is an RNA virus belonging to family Orthomyxoviridae.
- d. Chickens act as a 'mixing vessel' where various strains of influenza virus can come together, undergo reassortment resulting in generation of new strains.

Which of the statements given above is/are correct ?

Options :

1. a and b only
2. b and d only
3. a, b and c only
4. b, c and d only

Question Number : 51 Question Id : 750782981 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

- a. Brucella organisms possess "A" and "M" surface antigens.
- b. In non-pregnant animals, Brucella organisms get localised in lymph nodes.
- c. Rev 1 strain is employed in Brucella vaccine used for sheep and goats.
- d. Antibiotic therapy is highly effective in treatment of Brucellosis in animals.

Which of the statement(s) given above is/are correct ?

Options :

1. a, b and c
2. a, b and d
3. b, c and d
4. a, c and d

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Question Number : 51 Question Id : 750782981 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

- a. Brucella organisms possess "A" and "M" surface antigens.
- b. In non-pregnant animals, Brucella organisms get localised in lymph nodes.
- c. Rev 1 strain is employed in Brucella vaccine used for sheep and goats.
- d. Antibiotic therapy is highly effective in treatment of Brucellosis in animals.

Which of the statement(s) given above is/are correct ?

Options :

1. a, b and c
2. a, b and d
3. b, c and d
4. a, c and d

Question Number : 52 Question Id : 750782982 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The type of immunity induced by vaccination is

Options :

1. Natural active immunity
2. Artificial active immunity
3. Artificial passive immunity
4. Natural passive immunity

Question Number : 52 Question Id : 750782982 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The type of immunity induced by vaccination is

Options :

1. Natural active immunity
2. Artificial active immunity
3. Artificial passive immunity
4. Natural passive immunity

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Question Number : 53 Question Id : 750782983 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following statements is not true ?

Options :

1. Basic drugs have longer milk discard times than acidic drugs.
2. Lipophilic drugs tend to have shorter milk discard times.
3. Milk discard times are different for different routes of administration of same drug.
4. Milk discard times are different for different species of lactating animals.

Question Number : 53 Question Id : 750782983 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following statements is not true ?

Options :

1. Basic drugs have longer milk discard times than acidic drugs.

2. Lipophilic drugs tend to have shorter milk discard times.
3. Milk discard times are different for different routes of administration of same drug.
4. Milk discard times are different for different species of lactating animals.

Question Number : 54 Question Id : 750782984 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following toxins causes selective blockade of Na^+ permeability leading to nerve paralysis ?

Options :

1. Bufogenin
2. Ciguatoxin
3. Tetrodotoxin
4. Batrachotoxin

Question Number : 54 Question Id : 750782984 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following toxins causes selective blockade of Na^+ permeability leading to nerve paralysis ?

Options :

1. Bufogenin
2. Ciguatoxin
3. Tetrodotoxin
4. Batrachotoxin

Question Number : 55 Question Id : 750782985 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The correct order of toxicity of aflatoxins B_1 , B_2 , G_1 and G_2 is

Options :

1. $\text{B}_1 > \text{G}_2 > \text{G}_1 > \text{B}_2$
2. $\text{G}_1 > \text{B}_1 > \text{G}_2 > \text{B}_2$
3. $\text{B}_1 > \text{G}_1 > \text{B}_2 > \text{G}_2$

4. $G_2 > B_2 > G_1 > B_1$

Question Number : 55 Question Id : 750782985 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The correct order of toxicity of aflatoxins B_1 , B_2 , G_1 and G_2 is

Options :

1. $B_1 > G_2 > G_1 > B_2$

2. $G_1 > B_1 > G_2 > B_2$

3. $B_1 > G_1 > B_2 > G_2$

4. $G_2 > B_2 > G_1 > B_1$

Question Number : 56 Question Id : 750782986 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following drugs may cause gray baby syndrome ?

Options :

1. Erythromycin

2. Lincomycin

3. Nalidixic acid

4. Chloramphenicol

Question Number : 56 Question Id : 750782986 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following drugs may cause gray baby syndrome ?

Options :

1. Erythromycin

2. Lincomycin

3. Nalidixic acid

4. Chloramphenicol

Question Number : 57 Question Id : 750782987 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following drugs is antidopaminergic used as an antiemetic ?

Options :

1. Metoclopramide
2. Ranitidine
3. Apomorphine
4. Ondansetron

Question Number : 57 Question Id : 750782987 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following drugs is antidopaminergic used as an antiemetic ?

Options :

1. Metoclopramide
2. Ranitidine
3. Apomorphine
4. Ondansetron

Question Number : 58 Question Id : 750782988 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The "Designer Egg" is the egg in which the nutrient content has been modified from the standard egg by using various techniques like

- a. By inducing metabolic changes in the hen.
- b. By changing the characteristics of membrane transport to facilitate movement of compounds into the eggs.
- c. By manipulating the diet of the hen such that the desired compounds find their way into the egg.

Which of the following is correct ?

Options :

1. a and b only
2. b and c only
3. a, b and c
4. None

Question Number : 58 Question Id : 750782988 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The "Designer Egg" is the egg in which the nutrient content has been modified from the standard egg by using various techniques like

- a. By inducing metabolic changes in the hen.
- b. By changing the characteristics of membrane transport to facilitate movement of compounds into the eggs.
- c. By manipulating the diet of the hen such that the desired compounds find their way into the egg.

Which of the following is correct ?

Options :

1. a and b only
2. b and c only
3. a, b and c
4. None

Question Number : 59 Question Id : 750782989 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The characteristic and eye appealing bright red colour of the surface tissues of freshly cut meat is due to

- a. Oxy myoglobin
- b. Oxyhaemoglobin
- c. Oxy myoglobin and oxyhaemoglobin
- d. None

Which of the following is correct ?

Options :

1. a only
2. b only
3. c only
4. d only

Question Number : 59 Question Id : 750782989 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The characteristic and eye appealing bright red colour of the surface tissues of freshly cut meat is due to

- a. Oxymyoglobin
- b. Oxyhaemoglobin
- c. Oxymyoglobin and oxyhaemoglobin
- d. None

Which of the following is correct ?

Options :

- 1. a only
- 2. b only
- 3. c only
- 4. d only

Question Number : 60 Question Id : 750782990 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

A good quality paneer is obtained by

- a. heating milk to 90° C, cooling to 70° C.
- b. heating milk to 100° C, cooling to 30° C.
- c. and acidifying hot milk by adding 10% citric acid solution.
- d. and acidifying hot milk by adding 1% citric acid solution.

Which of the statement/s given above is/are correct ?

Options :

- 1. a and c
- 2. a and d
- 3. b and c
- 4. b and d

Question Number : 60 Question Id : 750782990 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

A good quality paneer is obtained by

- a. heating milk to 90° C, cooling to 70° C.
- b. heating milk to 100° C, cooling to 30° C.
- c. and acidifying hot milk by adding 10% citric acid solution.
- d. and acidifying hot milk by adding 1% citric acid solution.

Which of the statement/s given above is/are correct ?

Options :

- 1. a and c

2. a and d
3. b and c
4. b and d

Question Number : 61 Question Id : 750782991 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Principles of HACCP are

- a. Identification of potential hazard.
- b. Identification of CCP.
- c. Establish corrective action.

Which of the statements given above are correct ?

Options :

1. a only
2. b and c only
3. a and c only
4. All are correct

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Question Number : 61 Question Id : 750782991 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Principles of HACCP are

- a. Identification of potential hazard.
- b. Identification of CCP.
- c. Establish corrective action.

Which of the statements given above are correct ?

Options :

1. a only
2. b and c only
3. a and c only
4. All are correct

Question Number : 62 Question Id : 750782992 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Match the following :

- | | |
|-------------------|------------------------------|
| a. Q fever | I. In animate substance |
| b. Sapro zoonoses | II. Solium |
| c. Cyclo zoonoses | III. <u>M. tuberculosis</u> |
| d. T.B. | IV. <u>Coxiella burnetii</u> |

Options :

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| 1. II | IV | III | I |

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| 2. III | IV | I | II |

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| 3. IV | I | II | III |

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| 4. II | III | I | IV |

Question Number : 62 Question Id : 750782992 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Match the following :

- | | |
|-------------------|------------------------------|
| a. Q fever | I. In animate substance |
| b. Sapro zoonoses | II. Solium |
| c. Cyclo zoonoses | III. <u>M. tuberculosis</u> |
| d. T.B. | IV. <u>Coxiella burnetii</u> |

Options :

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| 1. II | IV | III | I |

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| 2. III | IV | I | II |

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| 3. IV | I | II | III |

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| 4. II | III | I | IV |

Question Number : 63 Question Id : 750782993 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Carcasses are dressed by

- a. Booth system.
- b. Cradle and semi line system.
- c. On rail system.

Which of the statements given above are correct ?

Options :

- 1. a only
- 2. b and c only
- 3. a and c only
- 4. all are correct

Question Number : 63 Question Id : 750782993 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Carcasses are dressed by

- a. Booth system.
- b. Cradle and semi line system.
- c. On rail system.

Which of the statements given above are correct ?

Options :

- 1. a only
- 2. b and c only
- 3. a and c only
- 4. all are correct

Question Number : 64 Question Id : 750782994 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following statement is not correct during slaughtering and PM Examination of animals ?

- a. Slaughtering is not to be limited to certain specified hours.
- b. There should be sufficient time and light.
- c. The animal should be bled completely.
- d. Veterinarian must be present during PM Examination.

Options :

- 1. All are correct
- 2. Only a is correct

3. Only b and c are correct
4. Only c and d are correct

Question Number : 64 Question Id : 750782994 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following statement is not correct during slaughtering and PM Examination of animals ?

- a. Slaughtering is not to be limited to certain specified hours.
- b. There should be sufficient time and light.
- c. The animal should be bleed completely.
- d. Veterinarian must be present during PM Examination.

Options :

1. All are correct
2. Only a is correct
3. Only b and c are correct
4. Only c and d are correct

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Question Number : 65 Question Id : 750782995 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

If SPC per ml of raw milk is less than two lakhs as prescribed by BIS, the sample of raw milk is said to be

- a. Very good
- b. Good
- c. Fair
- d. Poor

Options :

1. a is correct
2. b is correct
3. c is correct
4. d is correct

Question Number : 65 Question Id : 750782995 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

If SPC per ml of raw milk is less than two lakhs as prescribed by BIS, the sample of raw milk is said to be

- a. Very good
- b. Good
- c. Fair
- d. Poor

Options :

- 1. a is correct
- 2. b is correct
- 3. c is correct
- 4. d is correct

Question Number : 66 Question Id : 750782996 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

_____ number of carpal bones are present in a fore limb of dog.

Options :

- 1. 5
- 2. 6
- 3. 7
- 4. 8

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Question Number : 66 Question Id : 750782996 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

_____ number of carpal bones are present in a fore limb of dog.

Options :

- 1. 5
- 2. 6
- 3. 7
- 4. 8

Question Number : 67 Question Id : 750782997 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Microscopically which polyhedral cells observed between seminiferous tubules found mainly in mature animal that secrete hormone testosterone ?

Options :

1. Sertoli cells
2. Primary spermatocyte
3. Interstitial cells/Leydig cells
4. Spermatids

Question Number : 67 Question Id : 750782997 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Microscopically which polyhedral cells observed between seminiferous tubules found mainly in mature animal that secrete hormone testosterone ?

Options :

1. Sertoli cells
2. Primary spermatocyte
3. Interstitial cells/Leydig cells
4. Spermatids

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Question Number : 68 Question Id : 750782998 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The roof of the mouth cavity is formed by

Options :

1. Hard palate
2. Tongue
3. Pharynx
4. Mandible

Question Number : 68 Question Id : 750782998 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The roof of the mouth cavity is formed by

Options :

1. Hard palate
2. Tongue

3. Pharynx

4. Mandible

Question Number : 69 Question Id : 750782999 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which structure is situated in right atrial wall of heart close to the opening of cranial vena cava that regulates the intrinsic rhythmic contraction of cardiac muscles ?

Options :

1. A. V. node

2. S. A. node

3. A. V. node and S. A. node

4. None of the above

Question Number : 69 Question Id : 750782999 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which structure is situated in right atrial wall of heart close to the opening of cranial vena cava that regulates the intrinsic rhythmic contraction of cardiac muscles ?

Options :

1. A. V. node

2. S. A. node

3. A. V. node and S. A. node

4. None of the above

Question Number : 70 Question Id : 7507821000 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Five chief lobes of liver is present in

Options :

1. Ox

2. Horse

3. Dog

4. Fowl

Question Number : 70 Question Id : 7507821000 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Five chief lobes of liver is present in

Options :

1. Ox
2. Horse
3. Dog
4. Fowl

Question Number : 71 Question Id : 7507821001 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Factor XII involved in blood coagulation is also known as

Options :

1. Fletcher factor
2. Hageman factor
3. Christmas factor
4. Stuart factor

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Question Number : 71 Question Id : 7507821001 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Factor XII involved in blood coagulation is also known as

Options :

1. Fletcher factor
2. Hageman factor
3. Christmas factor
4. Stuart factor

Question Number : 72 Question Id : 7507821002 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following volatile fatty acid is produced when cellulose is major dietary carbohydrate for cattle ?

Options :

1. Acetate
2. Valerate
3. Butyrate
4. Propionate

Question Number : 72 Question Id : 7507821002 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following volatile fatty acid is produced when cellulose is major dietary carbohydrate for cattle ?

Options :

1. Acetate
2. Valerate
3. Butyrate
4. Propionate

Question Number : 73 Question Id : 7507821003 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Variations of the cardiac rhythm from normal sinus rhythm are called as

Options :

1. Abnormal automaticity
2. Reentrant excitation
3. Dysrhythmias
4. Ventricular fibrillations

Question Number : 73 Question Id : 7507821003 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Variations of the cardiac rhythm from normal sinus rhythm are called as

Options :

1. Abnormal automaticity
2. Reentrant excitation

3. Dysrhythmias

4. Ventricular fibrillations

Question Number : 74 Question Id : 7507821004 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The Juxtaglomerular Granulosa cells of the afferent arteriole of each glomerulus secrete the proteolytic enzyme

Options :

1. Renin

2. Pepsin

3. Trypsin

4. All of these

Question Number : 74 Question Id : 7507821004 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The Juxtaglomerular Granulosa cells of the afferent arteriole of each glomerulus secrete the proteolytic enzyme

Options :

1. Renin

2. Pepsin

3. Trypsin

4. All of these

Question Number : 75 Question Id : 7507821005 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following is neutral lipids ?

Options :

1. Triacylglycerols

2. Phospholipids

3. Glycolipids

4. Archaeobacterial ether lipids

Question Number : 75 Question Id : 7507821005 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following is neutral lipids ?

Options :

1. Triacylglycerols
2. Phospholipids
3. Glycolipids
4. Archaeobacterial ether lipids

Question Number : 76 Question Id : 7507821006 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

A large group is divided into smaller ones and a topic is discussed within a limited period of time

Options :

1. Symposium
2. Buzz session
3. Conference
4. Colloquy

MpscGuidance

Question Number : 76 Question Id : 7507821006 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

A large group is divided into smaller ones and a topic is discussed within a limited period of time

Options :

1. Symposium
2. Buzz session
3. Conference
4. Colloquy

Question Number : 77 Question Id : 7507821007 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time

: N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Gurgaon Project in Haryana was started by

Options :

1. S. K. Dey
2. F. L. Brayne
3. M. K. Gandhi
4. B. N. Gupta

Question Number : 77 Question Id : 7507821007 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Gurgaon Project in Haryana was started by

Options :

1. S. K. Dey
2. F. L. Brayne
3. M. K. Gandhi
4. B. N. Gupta

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Question Number : 78 Question Id : 7507821008 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which among the following is not a principle of extension ?

Options :

1. Principle of needs and interests
2. Principle of cultural difference
3. Principle of rigidity
4. Principle of satisfaction

Question Number : 78 Question Id : 7507821008 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which among the following is not a principle of extension ?

Options :

1. Principle of needs and interests

2. Principle of cultural difference
3. Principle of rigidity
4. Principle of satisfaction

Question Number : 79 Question Id : 7507821009 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

_____ is a society of key stakeholders involved in agricultural activities for sustainable agricultural development in the district.

Options :

1. Training and Visit (T & V)
2. Client Based Extension (CBE)
3. Agricultural Technology Management Agency (ATMA)
4. Integrated Project Approach (IPA)

Question Number : 79 Question Id : 7507821009 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

_____ is a society of key stakeholders involved in agricultural activities for sustainable agricultural development in the district.

Options :

1. Training and Visit (T & V)
2. Client Based Extension (CBE)
3. Agricultural Technology Management Agency (ATMA)
4. Integrated Project Approach (IPA)

Question Number : 80 Question Id : 7507821010 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The main objective(s) of Marthandam Project were _____ development.

Options :

1. Mental
2. Spiritual and Physical
3. Economical and Social Development

4. All of these

Question Number : 80 Question Id : 7507821010 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The main objective(s) of Marthandam Project were _____ development.

Options :

1. Mental
2. Spiritual and Physical
3. Economical and Social Development
4. All of these

Question Number : 81 Question Id : 7507821011 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

_____ is the degree to which pairs of individuals who interact are similar in certain attributes like belief, education, social status and values.

Options :

1. Homophily
2. Innovators
3. Heterophily
4. Communication Channels

Question Number : 81 Question Id : 7507821011 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

_____ is the degree to which pairs of individuals who interact are similar in certain attributes like belief, education, social status and values.

Options :

1. Homophily
2. Innovators
3. Heterophily
4. Communication Channels

Question Number : 82 Question Id : 7507821012 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time

: N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The number of eggs laid by hen on consecutive days without gap is called as

Options :

1. Pause
2. Persistency
3. Clutch
4. None of above

Question Number : 82 Question Id : 7507821012 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The number of eggs laid by hen on consecutive days without gap is called as

Options :

1. Pause
2. Persistency
3. Clutch
4. None of above

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Question Number : 83 Question Id : 7507821013 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Match the species of poultry with their zoological names.

- | | |
|-------------|--------------------------------|
| a. Fowl | I. Gallus domesticus |
| b. Turkey | II. Anas platysynchos |
| c. Duck | III. Meleagris gallopavo |
| d. J. Quail | IV. Coturnix coturnix japonica |

Options :

- | | a | b | c | d |
|----|-----|-----|-----|----|
| 1. | I | II | III | IV |
| 2. | I | III | II | IV |
| 3. | III | II | I | IV |

a	b	c	d
II	III	IV	I

4.

Question Number : 83 Question Id : 7507821013 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Match the species of poultry with their zoological names.

a. Fowl	I. Gallus domesticus
b. Turkey	II. Anas platysynchos
c. Duck	III. Meleagris gallopavo
d. J. Quail	IV. Coturnix coturnix japonica

Options :

a	b	c	d
I	II	III	IV

1.

a	b	c	d
I	III	II	IV

2.

a	b	c	d
III	II	I	IV

3.

a	b	c	d
II	III	IV	I

4.

Question Number : 84 Question Id : 7507821014 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Match the breeds of chicken with their classes and select correct option.

Breeds of Chicken	Classes
a. Leghorn	I. English class
b. Orpington	II. Mediterranean class
c. New Hampshire	III. Asiatic class
d. Brahma	IV. American class

Options :

a	b	c	d
I	II	III	IV

1.

a	b	c	d
II	III	IV	I

2.

a	b	c	d
III	IV	I	II

3.

	a	b	c	d
4.	II	I	IV	III

Question Number : 84 Question Id : 7507821014 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Match the breeds of chicken with their classes and select correct option.

	Breeds of Chicken	Classes
a.	Leghorn	I. English class
b.	Orpington	II. Mediterranean class
c.	New Hampshire	III. Asiatic class
d.	Brahma	IV. American class

Options :

	a	b	c	d
1.	I	II	III	IV

	a	b	c	d
2.	II	III	IV	I

	a	b	c	d
3.	III	IV	I	II

	a	b	c	d
4.	II	I	IV	III

Question Number : 85 Question Id : 7507821015 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Match the parts of oviduct with approximate time taken for developing egg to pass through it.

a.	Infundibulum	I. 21 hours
b.	Magnum	II. 1 hour and 15 minutes
c.	Isthmus	III. 3 hours
d.	Uterus	IV. 15 minutes

Options :

	a	b	c	d
1.	I	II	III	IV

	a	b	c	d
2.	II	III	IV	I

	a	b	c	d
3.	III	IV	I	II

	a	b	c	d
4.	IV	III	II	I

Question Number : 85 Question Id : 7507821015 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Match the parts of oviduct with approximate time taken for developing egg to pass through it.

- | | |
|-----------------|---------------------------|
| a. Infundibulum | I. 21 hours |
| b. Magnum | II. 1 hour and 15 minutes |
| c. Isthmus | III. 3 hours |
| d. Uterus | IV. 15 minutes |

Options :

	a	b	c	d
1.	I	II	III	IV

	a	b	c	d
2.	II	III	IV	I

	a	b	c	d
3.	III	IV	I	II

	a	b	c	d
4.	IV	III	II	I

Question Number : 86 Question Id : 7507821016 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

As recommended by BIS (2007), metabolizable energy and crude protein content in broiler pre-starter feed should be

Options :

1. 3000 Kcal/Kg, 20%
2. 3000 Kcal/Kg, 23%
3. 3200 Kcal/Kg, 20%
4. 3200 Kcal/Kg, 23%

Question Number : 86 Question Id : 7507821016 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

As recommended by BIS (2007), metabolizable energy and crude protein content in broiler pre-starter feed should be

Options :

1. 3000 Kcal/Kg, 20%
2. 3000 Kcal/Kg, 23%
3. 3200 Kcal/Kg, 20%
4. 3200 Kcal/Kg, 23%

Question Number : 87 Question Id : 7507821017 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

For optimum hatchability, the carbon dioxide (CO₂) concentration in incubator should not exceed more than

Options :

1. 0.5%
2. 1.5%
3. 2%
4. 2.5%

Question Number : 87 Question Id : 7507821017 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

For optimum hatchability, the carbon dioxide (CO₂) concentration in incubator should not exceed more than

Options :

1. 0.5%
2. 1.5%
3. 2%
4. 2.5%

Question Number : 88 Question Id : 7507821018 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Arrange the following body parts in order of disappearance of yellow pigment when pullet starts laying eggs

- a. Beak
- b. Eye ring and ear lobes
- c. Vent
- d. Shank

Options :

1. c, b, a, d
2. a, b, c, d
3. b, c, d, a
4. d, c, b, a

Question Number : 88 Question Id : 7507821018 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Arrange the following body parts in order of disappearance of yellow pigment when pullet starts laying eggs

- a. Beak
- b. Eye ring and ear lobes
- c. Vent
- d. Shank

Options :

1. c, b, a, d
2. a, b, c, d
3. b, c, d, a
4. d, c, b, a

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Question Number : 89 Question Id : 7507821019 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Match the following theories with the scientist.

- | | |
|------------------------|----------------------|
| a. Germ plasm Theory | i. Hugo Devries |
| b. Mutation Theory | ii. Charles Darwin |
| c. Theory of evolution | iii. August Weismann |
| d. Preformation Theory | iv. Jan Swammerdam |

Options :

- | | | | | |
|----|----------|----------|----------|----------|
| | a | b | c | d |
| 1. | iii | ii | i | iv |
-
- | | | | | |
|----|----------|----------|----------|----------|
| | a | b | c | d |
| 2. | iv | ii | i | iii |
-
- | | | | | |
|----|----------|----------|----------|----------|
| | a | b | c | d |
| 3. | iii | i | ii | iv |

- | | a | b | c | d |
|----|----------|----------|----------|----------|
| 4. | iv | i | ii | iii |

Question Number : 89 Question Id : 7507821019 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Match the following theories with the scientist.

- | | |
|------------------------|----------------------|
| a. Germ plasm Theory | i. Hugo Devries |
| b. Mutation Theory | ii. Charles Darwin |
| c. Theory of evolution | iii. August Weismann |
| d. Preformation Theory | iv. Jan Swammerdam |

Options :

- | | a | b | c | d |
|----|----------|----------|----------|----------|
| 1. | iii | ii | i | iv |

- | | a | b | c | d |
|----|----------|----------|----------|----------|
| 2. | iv | ii | i | iii |

- | | a | b | c | d |
|----|----------|----------|----------|----------|
| 3. | iii | i | ii | iv |

- | | a | b | c | d |
|----|----------|----------|----------|----------|
| 4. | iv | i | ii | iii |

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Question Number : 90 Question Id : 7507821020 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Match the pair.

- | | |
|---------------|---------------|
| a. Monosomic | i. $2n - 1$ |
| b. Trisomic | ii. $2n + 1$ |
| c. Tetrasomic | iii. $2n - 2$ |
| d. Nullisomic | iv. $2n + 2$ |

Options :

- | | a | b | c | d |
|----|----------|----------|----------|----------|
| 1. | iii | iv | i | ii |

- | | a | b | c | d |
|----|----------|----------|----------|----------|
| 2. | iii | ii | iv | i |

- | | a | b | c | d |
|----|----------|----------|----------|----------|
| 3. | i | ii | iii | iv |

- | | a | b | c | d |
|----|----------|----------|----------|----------|
| 4. | i | ii | iv | iii |

Question Number : 90 Question Id : 7507821020 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time

: N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Match the pair.

- | | |
|---------------|---------------|
| a. Monosomic | i. $2n - 1$ |
| b. Triosomic | ii. $2n + 1$ |
| c. Tetrasomic | iii. $2n - 2$ |
| d. Nullsomic | iv. $2n + 2$ |

Options :

- | | a | b | c | d |
|----|-----|----|---|----|
| 1. | iii | iv | i | ii |

- | | a | b | c | d |
|----|-----|----|----|---|
| 2. | iii | ii | iv | i |

- | | a | b | c | d |
|----|---|----|-----|----|
| 3. | i | ii | iii | iv |

- | | a | b | c | d |
|----|---|----|----|-----|
| 4. | i | ii | iv | iii |

Question Number : 91 Question Id : 7507821021 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Reciprocal recurrent selection is used to improve

Options :

1. Only general combining ability
2. Only specific combining ability
3. Above both
4. None of above

Question Number : 91 Question Id : 7507821021 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Reciprocal recurrent selection is used to improve

Options :

1. Only general combining ability
2. Only specific combining ability
3. Above both
4. None of above

Question Number : 92 Question Id : 7507821022 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Selection criteria is called as _____ selection when the individual's own record is included to estimate the family mean but the selection criteria is called as _____ selection when the individual's own record is not included in estimating the family mean.

Options :

1. Sib, family
2. Family, sib
3. Individual, sib
4. Individual, family

Question Number : 92 Question Id : 7507821022 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Selection criteria is called as _____ selection when the individual's own record is included to estimate the family mean but the selection criteria is called as _____ selection when the individual's own record is not included in estimating the family mean.

Options :

1. Sib, family
2. Family, sib
3. Individual, sib
4. Individual, family

Question Number : 93 Question Id : 7507821023 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Whenever over 50 percent of gametes produced contain parental combination and less than 50 percent of the gametes contain recombinant combination, then it is the case of

Options :

1. Multiple Allele
2. Linkage
3. Lethal gene

4. Epistasis

Question Number : 93 Question Id : 7507821023 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Whenever over 50 percent of gametes produced contain parental combination and less than 50 percent of the gametes contain recombinant combination, then it is the case of

Options :

1. Multiple Allele
2. Linkage
3. Lethal gene
4. Epistasis

Question Number : 94 Question Id : 7507821024 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The causes which are responsible for the genetic correlation between two characters are

Options :

1. Pleotrophy and linkage between genes
2. Dominance and lethal genes
3. Heterosis and pleotrophy
4. Linkage and multiple alleles

Question Number : 94 Question Id : 7507821024 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The causes which are responsible for the genetic correlation between two characters are

Options :

1. Pleotrophy and linkage between genes
2. Dominance and lethal genes
3. Heterosis and pleotrophy
4. Linkage and multiple alleles

Question Number : 95 Question Id : 7507821025 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Offering high energy feeds to female animals just before and during breeding season is termed as

Options :

1. Steaming up
2. Flushing
3. Leaching
4. Grading up

Question Number : 95 Question Id : 7507821025 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Offering high energy feeds to female animals just before and during breeding season is termed as

Options :

1. Steaming up
2. Flushing
3. Leaching
4. Grading up

MpscGuidance

Question Number : 96 Question Id : 7507821026 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The term TDN is used to indicate _____ of feed for ruminant animals.

Options :

1. Digestibility
2. Energy value
3. Inorganic matter
4. True protein content

Question Number : 96 Question Id : 7507821026 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

The term TDN is used to indicate _____ of feed for ruminant animals.

Options :

1. Digestibility
2. Energy value
3. Inorganic matter
4. True protein content

Question Number : 97 Question Id : 7507821027 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which are the substances reducing solubility or interfering utilization of minerals ?

- a. Lectins
- b. Oxalic acid
- c. Phytic acid
- d. Trypsin

Options :

1. a only
2. a and b only
3. b and c only
4. c and d only

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Question Number : 97 Question Id : 7507821027 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which are the substances reducing solubility or interfering utilization of minerals ?

- a. Lectins
- b. Oxalic acid
- c. Phytic acid
- d. Trypsin

Options :

1. a only
2. a and b only
3. b and c only
4. c and d only

Question Number : 98 Question Id : 7507821028 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Match the following Vitamin with their deficiency symptoms.

- | | |
|---------------------|------------------------------------|
| a. Thiamine | i. Wasting sickness in cattle |
| b. Pyridoxine | ii. Polyneuritis in chicks |
| c. Cyanocobalamin | iii. Goose step in pigs |
| d. Pantothenic acid | iv. Anemia and convulsions in pigs |

Options :

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| ii | iv | i | iii |
- 1.

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| iv | iii | ii | i |
- 2.

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| i | ii | iii | iv |
- 3.

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| iii | i | iv | ii |
- 4.

Question Number : 98 Question Id : 7507821028 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Match the following Vitamin with their deficiency symptoms.

- | | |
|---------------------|------------------------------------|
| a. Thiamine | i. Wasting sickness in cattle |
| b. Pyridoxine | ii. Polyneuritis in chicks |
| c. Cyanocobalamin | iii. Goose step in pigs |
| d. Pantothenic acid | iv. Anemia and convulsions in pigs |

Options :

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| ii | iv | i | iii |
- 1.

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| iv | iii | ii | i |
- 2.

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| i | ii | iii | iv |
- 3.

- | | | | |
|----------|----------|----------|----------|
| a | b | c | d |
| iii | i | iv | ii |
- 4.

Question Number : 99 Question Id : 7507821029 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following are non-nutritive feed additives ?

- a. Antibiotics
- b. Antioxidants
- c. Enzymes

Options :

1. a and b only
2. b and c only
3. all above
4. none

Question Number : 99 Question Id : 7507821029 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Which of the following are non-nutritive feed additives ?

- a. Antibiotics
- b. Antioxidants
- c. Enzymes

Options :

1. a and b only
2. b and c only
3. all above
4. none

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Question Number : 100 Question Id : 7507821030 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Lectins (Haemagglutinins) were first isolated from castor beans, which contains potent lectin called ricin. Feeding of substrate containing ricin to farm livestock have adverse effect on

- a. Growth and diarrhoea.
- b. Decreased nutrient absorption and increased bacterial infection.
- c. Immune system.

Which of the statement given above is/are correct ?

Options :

1. a only
2. b and c only
3. a and c only
4. a, b and c

Question Number : 100 Question Id : 7507821030 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.5

Lectins (Haemagglutinins) were first isolated from castor beans, which contains potent lectin called ricin. Feeding of substrate containing ricin to farm livestock have adverse effect on

- a. Growth and diarrhoea.
- b. Decreased nutrient absorption and increased bacterial infection.
- c. Immune system.

Which of the statement given above is/are correct ?

Options :

- 1. a only
- 2. b and c only
- 3. a and c only
- 4. a, b and c

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