

XOLBOYEV JAVOHIR

YOZMA ISH

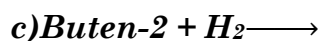
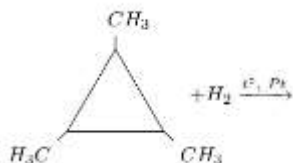
I-Bo'lim (Alkan olinishi)

1. Laboratoriyada alyuminiy karbidga suv yoki kislota ta'sir ettirib olish reaksiyasini davom ettiring.



2. To'yinmagan va o'ta to'yinmagan uglevodorodlarni gidrogenlash orqali olish reaksiyasini davom ettiring.

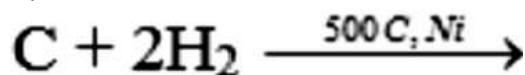
a)



3. Ko'mirni gazofikatsiyalash (Bertlo 1869-yil) reaksiyasini yozing.

a)

4.



5. Orlov-Fisher-Tropsh usulini yozing va ushbu usul orqali **propan** olish reaksiyasini ham yozing.

a)

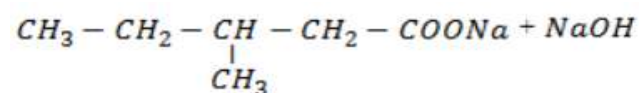
b)

Bilimingga ishon va muvaffaqiyatga erish!

6. Dyuma usuli:



b)



→

7. Karbon kislotalarni Dekarboksillash reaksiyasini davom ettiring.

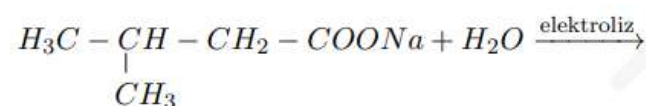


8. Kolbe sintezi:

a) Eritma elektrolizi: (umumiy formula ko'rinishida)

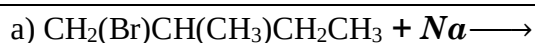
b) Suyuqlanma elektrolizi: (umumiy formula ko'rinishida)

c)



9. Bertolle reaksiyasi (1856-yil)

10. Vyurs reaksiyasi:



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II-Bo'lim (Kimyoviy xossalari)

1. Yonish reaksiyasi:

a) Kislorod yetarli bo'lsa,

b) Kislorod yetarli bo'lmasa,

2. Nitrolash reaksiyasi:

a)

3. Galogenlash reaksiyasi (yorug'lik ta'sirida, to'rt bosqichda):

a)

b)

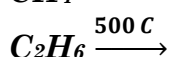
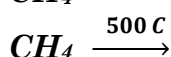
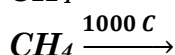
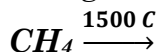
c)

d)

4. Quyosh nuri ta'sirida xlorlash:



5. Degidrogenlash reaksiyasi:

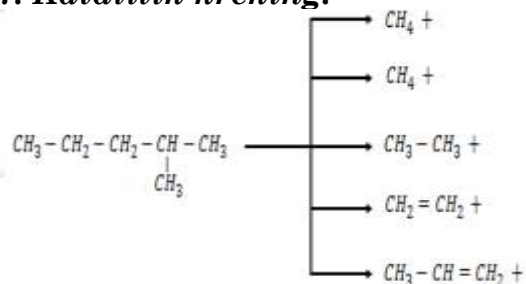


6. Izomerlash reaksiyasi:



Bilimingga ishon va muvaffaqiyatga erish!

7. Katalitik kreking:



III-Bo'lim (Ishlatilishi)

a)

sovutgich inshootlarida ishlatiladi

b)

suyuqlik bo'lib, erituvchi sifatida ishlatiladi.

c)

tibbiyotda narkoz sifatida ishlatiladi.

d)

o't o'chirishda ishlatiladi.

e)

jarrohlikda milkni vaqtincha og'riq sezmaydigan holatga keltrish uchun ishlatiladi

f)

mahalliy tinchlantiruvchi vosita sifatida ishlatiladi.

g)

ochiq jarohatlarni davolashda ishlatiladi.

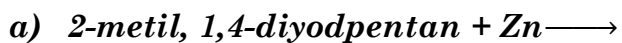
h) Gomologik qatorning o'rta a'zolari

(.....) erituvchilar va motor yonilg'ilari sifatida ishlatiladi.

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IV-Bo'lim (Sikloalkan olinishi)

1. Gustavson reaksiyasi:



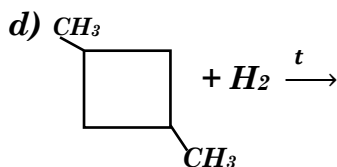
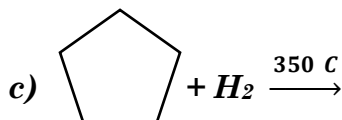
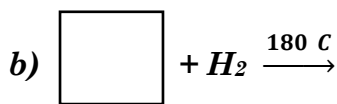
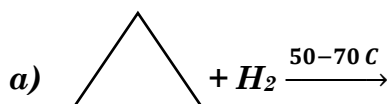
2. Benzol va uning gomologlarini gidrogenlab siklogeksan va uning gomologlari olish reaksiyasini yozing.

a)

3. Glutar kislotaning kalsiyl tuzidan sikloparafin olish reaksiyasini bosqichma-bosqich yozing.

V-Bo'lim (Kimyoviy xossalari)

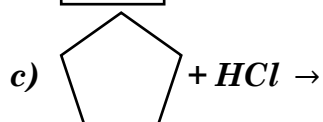
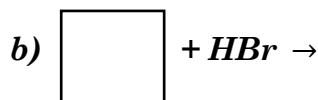
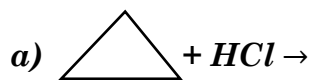
1. Gidrogenlash reaksiyasi:



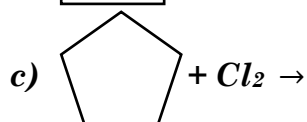
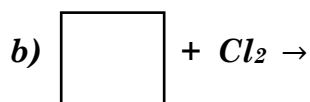
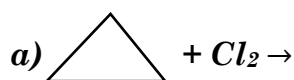
Bilimingga ishon va muvaffaqiyatga erish!

2. Zelenskiy reaksiyasi:

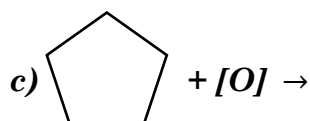
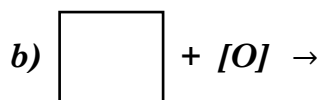
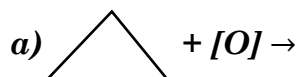
3. Vodorod galogenid ta'siri



4. Galogenlash reaksiyasi



5. Oksidlanish reaksiyasini davom ettiring va mahsulotni tarixiy nomini yozing.



6. Umumiy yonish tenglamasi:

7. Nitrolash reaksiyasi

a) Siklopentanning nitrolanish reaksiyasini yozing.

Ism va Familiyangiz:
