

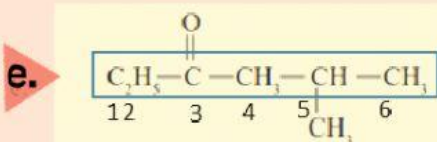
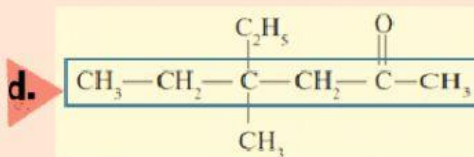
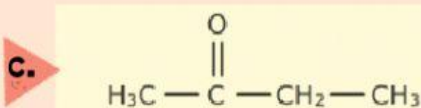
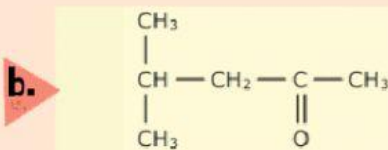
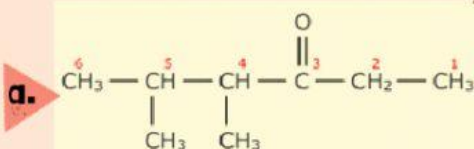
Nama :

Kelas :

ALKANON (KETON)

A. Tata Nama

1. Beri nama IUPAC senyawa Alkanon berikut!



5-metil-3-heksanon

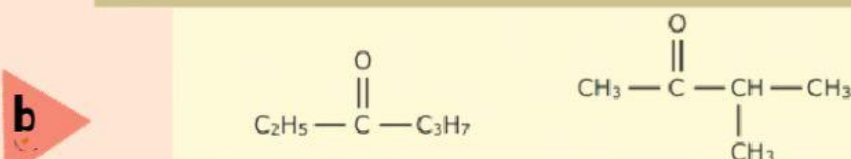
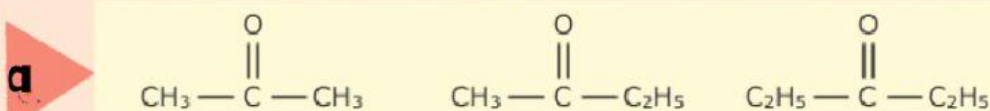
4-metil-2-pentanon

4,5-dimetil-3-heksanon

4-etil-4-metil-heksanon

2-butanon (etil metil keton)

2. Beri nama Trivial senyawa Alkanon berikut!



etil propil keton

etil metil keton

dietil keton

dimetil keton (aseton)

metil isopropil keton

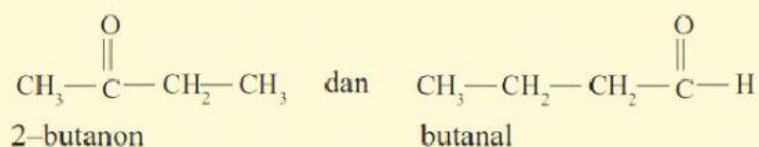
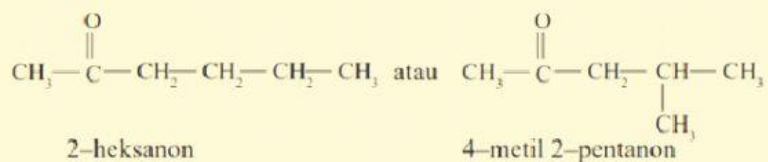
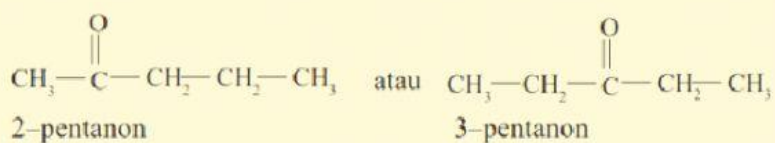
B. Isomer Alkanon

1. Isomer Rangka/rantai

2. Isomer Posisi

2. Isomer Gugus Fungsi

Pindahkan pasangan isomer berikut sesuai dengan jenis isomernya



C. Sifat-sifat Alkanon

1. Sifat Fisis

a.

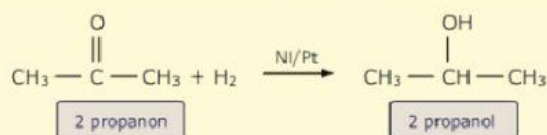
b.

c.

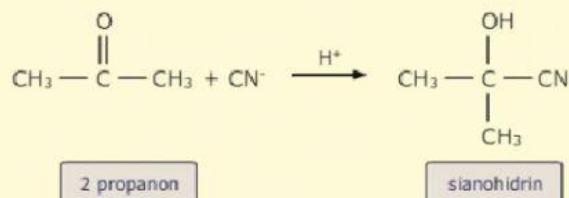
d.

2. Sifat Kimia

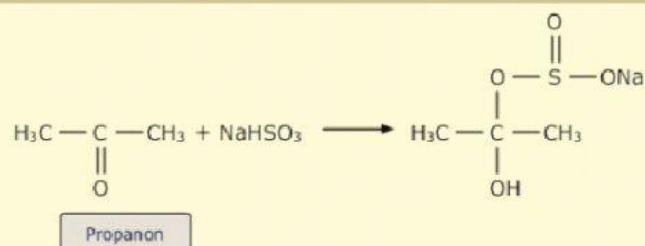
a.



b.



c.



d.

Keton + Fehling → tidak bereaksi

Keton + Tollens → tidak bereaksi

D. Kegunaan Alkanon

Pasangkan senyawa alkanon berikut dengan kegunaannya

Kegunaan 2 propanon:



Kegunaan alkanon :



Kegunaan asetofenon:

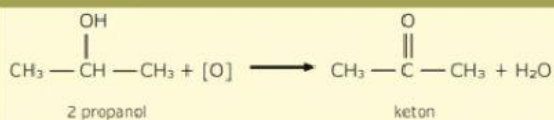


Kegunaan aseton:

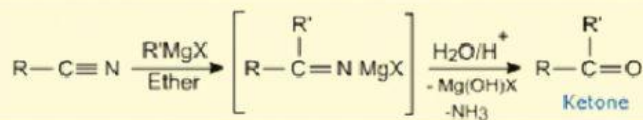


E. Pembuatan Alkanon

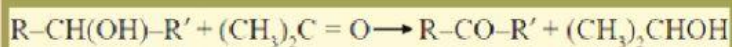
1.



2.



3.



4.

