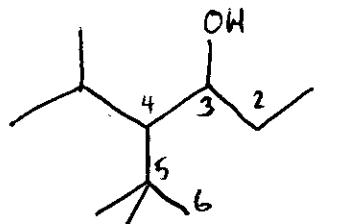


18

O.A.C. Chemistry
Organic Nomenclature

For each structure provide the I.U.P.A.C. name.
Provide common names where asked.

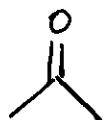
a)



4-isopropyl-5,5-dimethyl-3-hexanol

1

b)



2 common names + I.U.P.A.C.

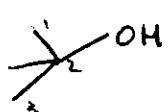
acetone

propanone

dimethyl ketone

2-propanone

c)



common name + I.U.P.A.C.

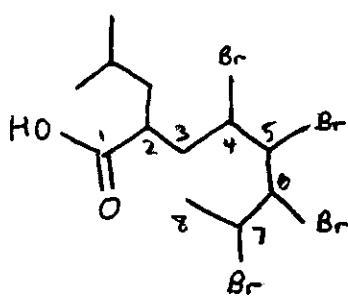
t-butyl alcohol

2-methyl-2-propanol

2

I.U.P.A.C.

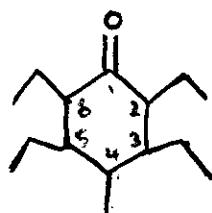
d)



4,5,6,7-tetrabromo-2-isobutyloctanoic acid

1

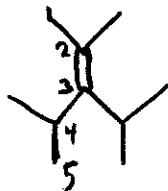
e)



I.U.P.A.C.

2,3,5,6-tetraethyl-4-methyl-1-cyclohexanone

f)

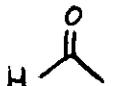


I.U.P.A.C.

3-isopropyl-2,4-dimethyl-2-pentene

1

g)



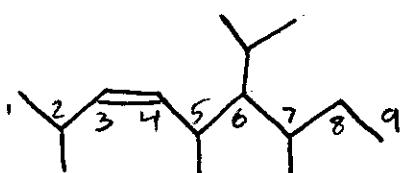
common name + I.U.P.A.C.

acetylaldehyde

ethanal

2

h)

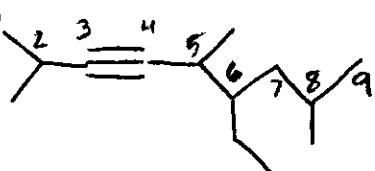


I.U.P.A.C.

6-isopropyl-2,5,7-trimethyl-3-nonen-2-ene

1

i)

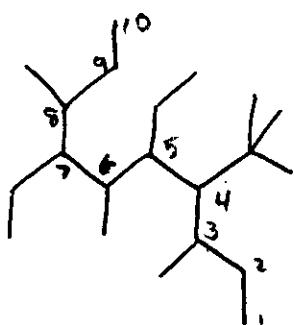


I.U.P.A.C.

6-ethyl-2,5,8-trimethyl-3-nonyne

1

j)

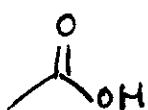


I.U.P.A.C.

5,7-diethyl-3,6,8-trimethyl-4-t-butyldecone

1

k)



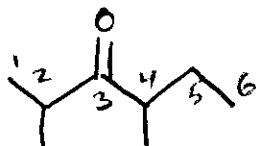
common name + I.U.P.A.C.

acetic acid

ethanoic acid

2

l)



common name + I.U.P.A.C.

isopropyl sec-butyl ketone

2,4-dimethyl-3-hexanone

2