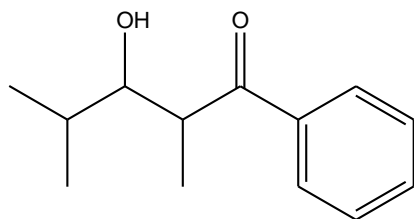
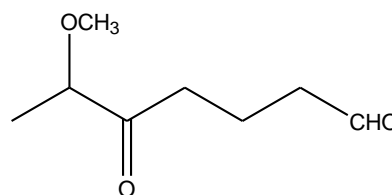


Answers Exercise Ch 8

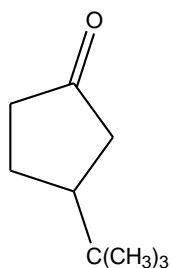
Write names for the following compounds



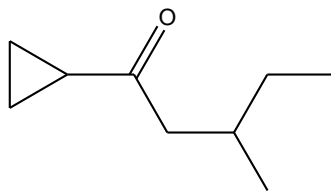
3-Hydroxy-2,4-dimethyl-1-phenyl-pentan-1-one



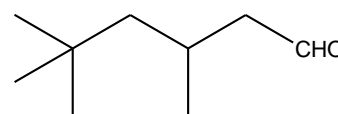
6-Methoxy-5-oxo-heptanal



3-*tert*-Butyl-cyclopentanone



1-Cyclopropyl-3-methyl-pentan-1-one



3,5,5-Trimethyl-hexanal

Arrange the following compounds in order of increasing

Ethanal, Propanone, Cyclopentanone, Cyclopentane, Ethanol.

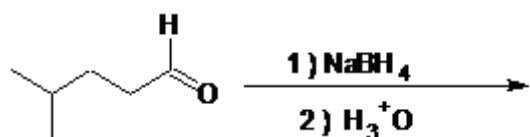
A) solubility in water

Cyclopentane, Cyclopentanone, Propanone, Ethanal, Ethanol

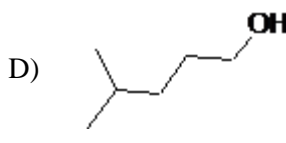
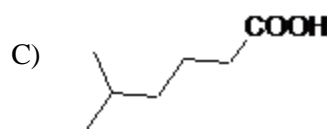
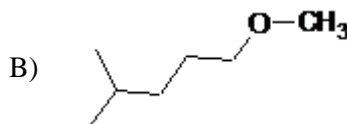
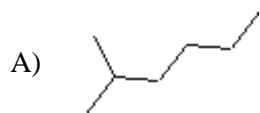
B) Boiling point

Cyclopentane, Ethanal, Propanone, Cyclopentanone, Ethanol

The product of the following reaction

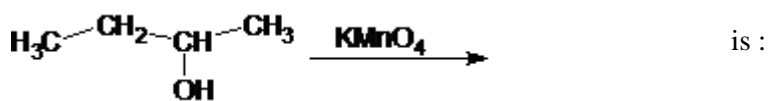


is :



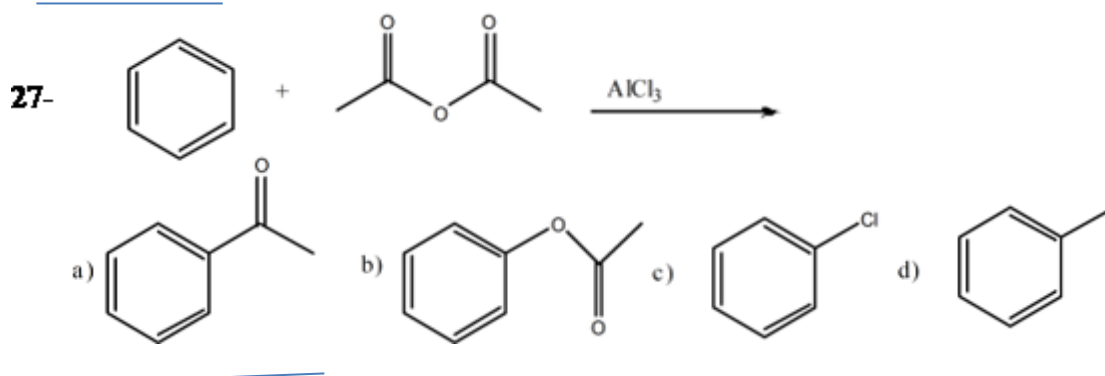
Answers Exercise Ch 8

The major product of the following reaction



- A) Aldehyde B) Carboxylic acid C) Ketone D) Mixture of aldehyde and carboxylic acids

Which one of the following compounds is an oxime?



Complete the following reaction:

