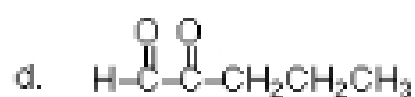
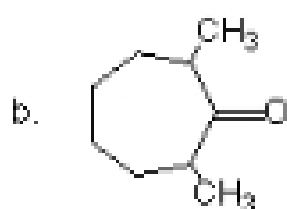
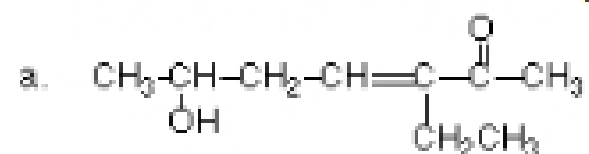


## Nomenclature

1. Provide the IUPAC name corresponding to each of the structures given below.



2. On a separate page draw the structure of the compound corresponding to each of the following names:

- 2-hydroxy-5-methylhexanal
- 4-hydroxy-2-methyl-3-hexanone
- 1-cyclopentenecarboxaldehyde
- 3-ethyl-6-hydroxy-3-hepten-2-one
- 3-oxo-4-cyclopentylhexanal

## ANSWERS

### 1. IUPAC names:

- 3-ethyl-6-hydroxy-3-hepten-2-one
- 2,7-dimethylcycloheptanone
- 1-methylcyclopentanecarboxaldehyde
- 2-oxopentanal

### 2. Draw the structures:

