## Quiz (Nomenclature of Aldehyde and Ketone)

1. Give the systematic names of the following compounds:

$$\begin{matrix} & \text{O} \\ \text{II} \\ \text{CH}_3\text{CH}_2 - \text{C} - \text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_3 \end{matrix}$$

(b)

- 2. Write the structural formulae for
  - (a) 2-ethyl-3-methylhexanal
  - (b) 2,5-dimethylheptan-3-one

## **Suggested Answer**

- 1. (a) 2-methylpropanal
  - (b) 4-methylhexan-3-one
  - (c) 3,4-dimethylpentan-2-one
- 2. (a)