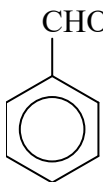
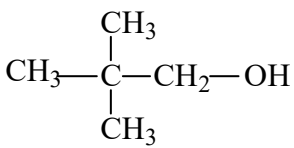
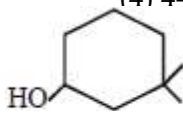


**CHEMISTRY
SECTION - A**

51. IUPAC name of 
- (1) Benzaldehyde (2) Benzene aldehyde
(3) Benzenal (4) Benzene carbaldehyde
52. An alkane which contain only one type of hydrogen is
(1) neo- butane (2) neo- pentane (3) Iso - pentane (4) Iso - butane
53. The structure of Isobutyl is
- (1) $\text{CH}_3-\text{CH}(\text{CH}_3)-\text{CH}_2-$ (2) $\text{CH}_3-\text{CH}_2-\text{CH}(\text{CH}_3)-$
(3) $\text{CH}_3-\text{C}(\text{CH}_3)_2-$ (4) $\text{CH}_3-\text{CH}(\text{CH}_3)-$
54. IUPAC name of $\text{C}_2\text{H}_5-\text{CN}$ is
(1) Ethylcyanide (2) ethylnitrile (3) ethane nitrile (4) propane nitrile
55. Trivial name of 
- (1) Pentyl alcohol (2) 2,2 dimethyl propanol
(3) neo - pentyl alcohol (4) Iso - pentyl alcohol
56. Correct IUPAC name of $\text{H}_3\text{C}-\underset{\text{C}_2\text{H}_5}{\underset{|}{\text{CH}}}-\underset{\text{C}_2\text{H}_5}{\underset{|}{\text{CH}}}-\text{CH}_3$ is _____ .
(1) 2-ethyl-3-methylpentane (2) 3,4-dimethylhexane
(3) 2-sec-butylbutane (4) 2,3-dimethylbutane
57. The IUPAC name for $\text{CH}_3-\overset{\text{O}}{\parallel}{\text{C}}-\text{CH}_2-\text{CH}_2-\overset{\text{O}}{\parallel}{\text{C}}-\text{OH}$ is
(1) 1-hydroxypentane-1,4-dione (2) 1,4-dioxopentanol
(3) 1-carboxybutan-3-one (4) 4-oxopentanoic acid
58. The IUPAC name of the compound is 
- (1) 3,3-dimethyl-1-cyclohexanol (2) 1,1-dimethyl-3-hydroxy cyclohexane
(3) 3,3-dimethyl-1-hydroxy cyclohexane (4) 1,1-dimethyl-3-cyclohexanol
59. The IUPAC name of this compound $\text{CH}_3-\underset{\text{CH}(\text{CH}_3)_2}{\underset{|}{\text{CH}}}-\text{CH}_2\text{CH}_2\text{CH}_3$ is
(1) 2-isopropylpentane (2) 2,3-dimethylhexane
(3) Isononane (4) 2,4-dimethylhexane

60. The IUPAC name of the compound $\text{CH}_3 - \underset{\text{CH}_3}{\text{CH}} - \text{CH}_2 - \text{CH}_2 - \text{Cl}$

(1) 1-chloro -3- methylbutane

(2) 2- methyl-4- chlorobutane

(3) 2-methyl-4-chlorobutane

(4) 1-chloropentane