

A-1

2

C

6. IUPAC name of $\text{CH}_3 - \underset{\text{OH}}{\text{CH}} - \text{CH}_2 - \underset{\text{COOH}}{\text{CH}} - \text{CH}_3$ is

- (1) 4-hydroxy 1 methyl pentanoic acid
- (2) 4-hydroxy 2 methyl pentanoic acid
- (3) 2-hydroxy 4 methyl pentanoic acid
- (4) 2-hydroxy 2 methyl pentanoic acid

7. Alkali metals have negative reduction potential and hence they behave as

- (1) Oxidising agents
- (2) Lewis bases
- (3) Reducing agents
- (4) Electrolytes

8. Which of the following gases has the highest value of RMS-velocity at 298 K ?

- (1) CH_4
- (2) CO
- (3) Cl_2
- (4) CO_2

9. Cycloalkane formed when 1, 4-dibromopentane is heated with Sodium is

- (1) Methyl cyclobutane
- (2) Cyclopentane
- (3) Cyclobutane
- (4) Methyl cyclopentane

Space For Rough Work