

P. Pages : 2

Time : Three Hours



AW - 2339

Max. Marks : 75

- Notes :
1. Answer **all** question.
 2. Illustrate your answer necessary with the help of neat sketches.
 3. Discuss the reaction, mechanism wherever necessary.

1. a) Multiple choice Questions.

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- Acetic acid is obtained when acetaldehyde is oxidized with potassium dichromate and -----.
a) HNO_3 b) HCL
c) Sulphuric acid d) Oxalic acid
- Which of the following reactions may be associated with aldehyde and ketone.
a) Nucleophilic addition b) Polymerization
c) Oxidation d) All of the above
- Which of the molecule does not undergoes the aldol condensation.
a) Formaldehyde b) Acetaldehyde
c) Glyceraldehyde d) All of them
- Methyl alcohol is not used as –
a) A solvent b) An anti freezing agent
c) A substitute of petrol d) For denaturing of ethyl alcohol
- What is the order of Kinetic in SN^2 mechanism.
a) Zero b) First
c) Second d) Both zero and first
- In the primary alkyl halide the halogen atom is attached to with –
a) One carbon atom b) Two carbon atom
c) Three carbon atom d) Four carbon atom
- Chlorination of alkane is an example the reaction which is –
a) Elimination reaction b) Free radical
c) Substitution reaction d) None of them
- Alkane also known as -
a) Paraffines b) Olefins
c) Saturated hydrocarbons d) (a) and (c) both
- Order of ease of halogenation in alkane is –
a) $\text{I}_2 > \text{Cl}_2 > \text{Br}_2 > \text{F}_2$ b) $\text{F}_2 > \text{Cl}_2 > \text{I}_2 > \text{Br}$
c) $\text{F}_2 > \text{Cl}_2 > \text{Br}_2 > \text{I}_2$ d) $\text{Cl}_2 > \text{Br}_2 > \text{F}_2 > \text{I}_2$

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