

Q:1 (A) Answer any two of the following questions. 10

1. Discuss the configurations of 2, 4 dimethyl benzaldoxime.
2. Discuss the configurations of cis and trans benzaldoxime by Backmann rearrangement.
3. Discuss the configurations of acetophenone.

(B) Answer the question. 03

1. Draw the structure formula of phenyl benzene.
2. Which form is more stable in cyclohexane? Draw the structure formula of it.
3. Allenes contains Carban and hydrogen in nature.

Q:2 (A) Answer any one of the following questions. 07

1. Prove the constitution of Maltose.
2. Prove the constitution of Sucrose.

(B) Answer any one of the following questions. 07

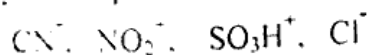
1. Give the synthesis of α -Terpinol by perkin's method.
2. Give the synthesis of Tarabic acid and Methyl hapteneone.

Q:3 (A) Answer any two of the following questions. 10

1. Explain bimolecular nucleophilic substitution reaction with proper illustration.
2. Explain E-1 and E-2 reaction mechanism.
3. Write a note on : Neighboring group participation.

(B) Answer any two of the following question. 03

1. Classify electrophile and nucleophile of the following.



2. Explain elimination reaction.
3. Explain Neopentyle effect.