**PCM/S/350**

**Third Semester B.Sc. in PCM**

**Examination Aug/Sep-2015**

**Fundamentals of Organic Chemistry-II**

**Time:-3Hours Max. Marks: - 75**

**SECTION-A**

**Answer any five questions. (5\*5)**

1. Briefly write about the structure of Carbonyl group.
2. Give a short note on Picric acid.
3. Write in nutshell about Ozonolysis of Alkenes.
4. Write a short note on mixed aldol condensation.
5. What do you mean by Alcohols?
6. Give an introduction of Amines.
7. What do you mean by Friedal Craft reactions?

**SECTION-B**

**Answer any two questions. (10\*2)**

1. What do you mean by Canizzaro reaction? Explain its mechanism.
2. Describe the physical properties of Carboxylic acid.
3. Elaborate the concept of Hydrogen Bonding.

**SECTION-C**

**Answer any two questions. (15\*2)**

1. Write a detail note on Monohydric Alcohols.
2. Elaborate the concept of Easters with its formation method.
3. Enumerate various methods of formation of Ethers.