**BEET5-II**

**Seventh Semester B. Tech Electronics & Telecommunication Engineering**

**Examination Aug/Sep-2015**

**(Elective-II) Digital Voice Picture Communication**

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

**SECTION-A**

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

1. Write in nutshell about Communications Systems.
2. Define Half-wavelength Line.
3. What is Single-Sideband Techniques?
4. Write a short note on Baluns.
5. Briefly write about Transmission Lines.
6. Give a Statement about Space waves.
7. Clarify the term Modulation.

**SECTION-B**

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

1. Explain the Smith Chart and its applications.
2. Discuss Variable Sensitivity and Selectivity in a Secondary Method of ACG.
3. Elaborate the Demodulation of SSB.

**SECTION-C**

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

1. Explain Indirect Method of Frequency Modulation.
2. Elaborate Fundamentals of Transmission Lines.
3. Describe Additional Circuits in detail.