

**ELTG (SEM-III): GE-3 Practical examination**

**Communication Electronics Lab**

**2019**

**Marks Distribution:**

- A. Experiment: 20
- B. Laboratory Notebook: 05
- C. Viva voce: 05

**Experiment:**

- I. Circuit diagram and theory: 03
  - II. Circuit implementation: 10
  - III. Data recording: 03
  - IV. Result and accuracy: 02
  - V. Precaution and discussion: 02
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- 1. Design and study an Amplitude Modulator using Transistor.
  - 2. Design and study Envelope Detector for Demodulation of AM Signal.
  - 3. Design and study FM Generator and Detector Circuit.
  - 4. Design and study Pulse Amplitude Modulation (PAM) and Demodulation Circuit.
  - 5. Design and study Pulse Width Modulation (PWM) and Demodulation Circuit.
  - 6. Design and study Pulse Position Modulation (PPM) and Demodulation Circuit.