Subject code: PC222EC Semester: 2nd

Subject name: Analog Electronics ACY: 2021-2022

CLASS TEST-1

1. Answer all questions from part-A
2. Answer all questions from part-B

PART-A

1. How does an LED (Light Emitting Diode) differ from a traditional diode? Highlight its main application in electronic devices.
2. Design a simple clipping circuit using diodes and explain its function. How does it affect the input waveform?
3. What is the significance of small signal models for BJT and JFET in amplifier analysis? Briefly explain their use in electronic circuit design.

PART-B