Subject code: PC222EC Semester: 2nd

Subject name: Analog Electronics ACY: 2020-2021

CLASS TEST-1

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

PART-A

1. Explain the V-I characteristics of a P-N junction diode. How does it behave in forward and reverse bias?
2. What is the purpose of a Zener diode in electronic circuits? Describe one application where Zener diodes are commonly used.
3. Discuss the basic differences between common emitter (CE) and common base (CB) configurations of a Bipolar Junction Transistor (BJT).

PART-B