



SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore – 641 107

AN AUTONOMOUS INSTITUTION



Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai

I Semester

B.E-Mechanical and Mechatronics Engineering (Additive Manufacturing)

23EET101 – Basics of Electrical and Electronics Engineering

Regulations 2023

QUESTION BANK

UNIT-III

PART A

- 1 Mention the factors to be considered before electrical wiring.
- 2 Name the types of wiring.
- 3 Mention the advantages of Grounding.
- 4 List some of the wiring accessories needed for electrical wiring.
- 5 Elaborate TRS and CTS.
- 6 Mention the advantages of neutral grounding.
- 7 List any three wiring rules.
- 8 Compare grounding and earthing.
- 9 Draw the fluorescent wiring.
- 10 Mention the advantages of stair case wiring.

PART B

- 1 What is the need for electrical grounding? Explain the different methods of grounding in detail.
- 2 Explain the safety measures that have to be followed to avoid electrical accidents.
- 3 Elaborate the different types of electrical wiring with neat sketch.
- 4 Discuss the need for wiring, tools required and its types in detail.
- 5 With neat sketch explain staircase wiring and fluorescent lamp wiring.
- 6 Design the wiring layout for domestic building using DT concept.
- 7 List the BIS Rules related to Wiring.