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SUBJECT CODE NO:- H-5074
FACULTY OF SCIENCE AND TECHNOLOGY
T. Y. Arch (CBCS) (Sem-V)
Environmental Science and Services - III

[Time: Three Hours]

[Max.Marks:80]

Please check whether you have got the right question paper.

- N.B
1. Solve any Four Questions from the following.
 2. Assume suitable data wherever necessary.
 3. Use sketches wherever required.
- Q.1
- a) State the general safety measures to be taken during installation of a wiring system. (08)
 - b) Explain –“Surface Conduit & Casing and Capping” types of electrical wiring systems. (12)
- Q.2 Enumerate: “Types of Earthing Systems” (any two). State the factors on which earth-resistance value depends. (20)
- Q.3 Write notes on the following: (any four) (20)
- a) RCCB & ELCB
 - b) Distribution Board
 - c) CFL Lamps
 - d) Earth Materials
 - e) Switches
- Q.4 Enumerate “Moving Walk”. State the criteria for planning, sizing, selection and grouping of it for a building. (20)
- Q.5 Solve Any Two of the following: (20)
- a) Hospital Elevator
 - b) Valance Lighting
 - c) Lighting scheme for Hotel Lobby.