

NOVEMBER 2023

50443/SE46B/SU46B

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. What is Web Technology?
2. Write any two applications of IOT.
3. What is M2M?
4. Write any two uses of IOT Architecture.
5. Write a needed capabilities of IOT.
6. What is Reference Model?
7. Write any two applications for Industry in IOT.
8. What is Smart Object?
9. Define : Big Data
10. What is Privacy?
11. Define: Security threats
12. List out various IOT Sensor Devices.

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. Explain about IOT with a neat diagram.
14. Explain various trends in information and communication technologies and its impact on IOT.
15. Discuss about IOT Architecture with suitable examples.
16. Explain various IOT Applications for Industry? Discuss.
17. Explain about Privacy, Security concepts of IOT.
18. Discuss about various security issues of IOT.
19. Explain about Data Aggregation for the IOT.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Explain the various Infrastructure of IOT with suitable examples.
21. Discuss about Global chain values in IOT with examples.

22. Explain various Architecture and Reference Models in IOT.
 23. Explain various applications of Home Management, Gas Industry, Retail Industry in IOT with examples.
 24. Explain about various security, privacy and governance issues in IOT with examples.
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