

NOVEMBER 2023

**57709/CS42B/
IT43A/MC43G**

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer any TEN questions.

1. What is protocols?
2. Define multimedia.
3. What is meant by sensor networks?
4. Define M2M.
5. What is BAC Net?
6. Define KNX.
7. What is meant by Grid Computing?
8. Define Web.
9. Tell about WoT.
10. Short note on Integration of IoT.
11. Define smart Grid.
12. Write about software Agents.

PART B — ($5 \times 5 = 25$ marks)

Answer any FIVE questions.

13. Write about the four pillars of IoT.
14. Explain the peer to peer Networks.
15. Describe the WSN protocols.
16. Explain the unified data standard.
17. Describe the two pillars of the web.
18. Discuss about population model.
19. Explain the electrical vehicle charging.

PART C — ($4 \times 10 = 40$ marks)

Answer any FOUR questions.

20. Explain the layers of Internet.
21. Discuss about the middleware for IoT.
22. Write about the following:
 - (a) Zigbee Architecture
 - (b) ASP Layer

23. Describe the unified multitier WoT Architecture.
 24. Explain the Business model for IoT.
 25. Describe the role of IoT in production Environments.
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