

BACHELOR OF TECHNOLOGY (CBCS) (2020 COURSE)
B.Tech.Sem - VIII Computer Science & Engineering : SUMMER : 2025
SUBJECT: INDUSTRIAL IOT

Day : Thursday
Date : 29/05/2025

S-24356-2025

Time : 02:30 PM-05:30 PM
Max. Marks : 60

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Assume suitable data **WHEREVER** necessary.
- 4) Draw neat diagrams **WHEREVER** necessary.

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- Q.1 Discuss in detail Hardware platforms, Raspberry Pie. Explain issues of IOT (10)
OR
- Q.1 Which are the Network and communication technologies can be used to implement and IOT application? Explain in detail. (10)
- Q.2 What is Industrial IOT for smart manufacturing? Explain in detail. (10)
OR
- Q.2 Write Introduction IP V4 and IPV6 in detail. (10)
- Q.3 Draw and explain the architecture of IOT. (10)
OR
- Q.3 Discuss in detail HART and RFID. (10)
- Q.4 What are the SCADA (Supervisory control data acquisition)? Explain in detail. (10)
OR
- Q.4 Discuss in detail Wireless Sensor Networks and Sensor Node. (10)
- Q.5 What are the challenges for the Industrial Internet of things? Explain in detail. (10)
OR
- Q.5 Discuss in detail smart city application of IOT. (10)
- Q.6 Explain the application of IIOT in smart logistics management. With any one example. (10)
OR
- Q.6 Explain implementation of IOT with Raspberry Pie. (10)

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