SP - 238

Total No. of Pages :1

Seat No.	

T.Y. B.Tech. (Computer Science and Engineering) (AIML)
(Semester -V) (CBCS) Examination, November - 2023
INTERNET OF THINGS
Sub. Code : 92003

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Day and Date : Thursday, 30 - 11 - 2023 **Total Marks : 70**
Time : 10.30 a.m. to 1.00 p.m.

Instructions :
1) **Question no. 6 is compulsory.**
2) **Solve any four questions from Q. No. 1 to Q. No. 5.**
3) **Assume suitable data wherever necessary.**
4) **Figures to the right indicate full marks.**

Q1) a) Explain identification Technology in IoT. **[8]**
b) What are the application of IoT explain in detail. **[7]**

Q2) a) List and explain components of RFID. **[8]**
b) Explain Communication Capability in detail. **[7]**

Q3) a) Explain H2H and H2M communication in detail. **[8]**
b) Explain WPAN technology in detail. **[7]**

Q4) a) Explain NFC in detail with its limitation. **[8]**
b) What are the challenges of WSN? Explain in detail. **[7]**

Q5) a) How IoT is useful in city automation and environment Application **[8]**
b) Explain WPAN Technology with its standard IEEE 802.15.6 and IEEE 802.15.4. **[7]**

Q6) Write a short note on: (Any 2) **[10]**
a) EPC
b) M2M
c) Raspberry pi

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