Total No. of Questions : 09

B.Tech. (CSE) (Sem.–6)
INTERNET OF THINGS
Subject Code : BTCS-608-18
M.Code : 79252
Date of Examination : 21-01-23

Time : 3 Hrs.   Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :
1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

SECTION-A

1. **Write briefly :**

    (a) Define Internet Of Things (IoT).

    (b) Explain the disadvantages of an IoT.

    (c) What is the role of cloud in IoT?

    (d) What is Machine to Machine communication (M2M)?

    (e) What is vision of IoT?

    (f) What are different businesses for IoT?

    (g) What effect will the Internet Of Things (IoT) have in healthcare?

    (h) What is ZigBee?

    (i) Why we need of IOT Security.

    (j) Explain IoT protocol stack.

SECTION-B

2. Explain in details of IOT Architecture layers.

3. Differentiate the terms Web of Things and Internet of Things.

4. State and explain about M2M communication with example.

5. Tabulate various protocols used in Link layer of IoT.

6. Differentiate between data and information in IoT.

SECTION-C

7. **Write short notes on :**

   (a) CoAP

   (b) UDP

   (c) TCP.

8. What is the role of Internet of Things for Increased Automation in Collaborative Production Environments?

9. **Write a note on:**

   (a) Trust for IoT

   (b) Security and Privacy for IoT

   (c) Physical IoT Security.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.