

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (Computer Science and Engg.) (Sem.-6)

INTERNET OF THINGS

Subject Code : BTCS-608-18

M.Code : 79252

Date of Examination : 07-07-22

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) List IOT Components?
- b) Explain the advantages of an IOT.
- c) Explain issues in IOT security.
- d) Explain Cloud of Things.
- e) Explain Data visualization in IOT.
- f) What is role of Cloud Computing in Internet of Things?
- g) Explain the application of IOT.
- h) Explain the Device Security of IOT cloud.
- i) Write note on Smart Health Care.
- j) Explain an emerging industrial structure for IOT.

SECTION-B

2. What effect will the internet of things (IOT) have on our daily lives? Explain with any one example of smart device. (5)
3. Explain challenges and requirements of IOT device. (5)
4. Explain with example MQTT Protocol. What is role of MQTT protocol in IOT? (5)
5. What is role of Cloud Computing and Big Data in Internet of Things? (5)
6. Explain layered architecture of IoT. (5)

SECTION-C

7. State and explain the characteristics of IoT and M2M and illustrate the difference between IOT and M2M. (10)
8. Demonstrate the IOT components with neat, diagram. (10)
9. Explain various trends in Information and Communication Technologies. (10)

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.