

S. B. Roll. No.....

INTERNET OF THINGS
5th Exam/IT/CSE/0995/Nov'24
(For 2018 Batch Onwards)

Duration: 3Hrs.

M.Marks:75

SECTION A

Q1. Do as directed.

15x1=15

- a. Define internet of things.
- b. M2M stands for_____.
- c. Explain the term smart city in IoT.
- d. What is a Wireless Sensor Network?
- e. State the vision of IOT.
- f. Define Actuator.
- g. What are communication technologies?
- h. XMPP stands for_____.
- i. Define Functional View of IOT architecture?
- j. What is a Gateway?
- k. MQTT stands for_____.
- l. CoAP stands for_____.
- m. Define Value chain.
- n. Mention any two future internet technologies useful for IOT.
- o. What is Brownfield IoT?

SECTION-B

Q2. Attempt any six questions.

6x5=30

- i. Explain the characteristics of IoT.
- ii. Explain the different challenges in Internet of Things?
- iii. Difference between IoT and M2M communication.
- iv. Explain MANET communication network in detail.
- v. Explain IoT for Oil and Gas Industry.
- vi. What are the requirements to design an IoT system, explain with example
- vii. How does the Internet of Things (IoT) affect our everyday lives?
- viii. Explain Architecture Model of IoT.

SECTION-C

Q3. Attempt any three questions.

3x10=30

- a. Discuss the security, privacy and governance issues in IoT.
- b. Discuss the various applications of Internet of things.
- c. Explain the functional, Information, Deployment and Operational View of IoT architecture.
- d. Explain in detail any two of them i) Sensors ii) Actuators iii) Gateways.

P.S.B.T.E.&I.T.

