

H

Roll No. 2124020

**TCS-331**

**B. TECH. (CSE) (THIRD SEMESTER)  
MID SEMESTER EXAMINATION, 2022**

**FUNDAMENTAL OF IOT**

**Time : 1½ Hours**

**Maximum Marks : 50**

**Note :** (i) Answer all the questions by choosing any *one* of the sub-questions.

(ii) Each question carries 10 marks.

1. (a) Write down the specific definition of Internet of Things (IoT). Explain about various characteristics of IoT devices.

(CO1)

OR

- (b) Draw the architecture of IoT and explain about each of the blocks.

(CO1)

**P. T. O.**

2. (a) What are the application areas of IOT devices ? Write about the various applications of IoT devices in numerous area. (CO1)

OR

- (b) What is IoT Framework ? Explain *four* basic components of IoT framework. (CO1)

3. (a) Explain about the **structural** aspects of the IoT in detail. (CO1, CO2)

OR

- (b) Identified the various IoT objects and describe services provided by IoT devices. (CO1, CO2)

4. (a) Illustrate the environment characteristics and traffic characteristics of IoT devices. (CO1, CO2)

OR

- (b) Explain about the history of IoT in detail. (CO1, CO2)

(3)

5. (a) What is satellite technology of IoT and how is it used ? (CO2)

OR

- (b) Write short notes on the following : (CO2)

(i) ~~REID~~ RFID

(ii) Sensor technology