

School of Computing Science and Engineering

Department of Computer Application

Mid Term Examination

Exam Date: 30 Sep 2023

Time : 90 Minutes

Marks : 50

Sem III - MCAN2350 - Internet of Things

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

- 1) Define Internet Of Things. K2 (2)
- 2) Distinguish the different types of Sensors. K1 (3)
- 3) State the need and purpose of Information Model Specification. K2 (4)
- 4) What is Internet Of Things? Explain the application of IOT. K2 (6)
- 5) Describe the IoT enabling Technologies with suitable explanations. K3 (6)
- 6) List the essential requirements for setting up Raspberry Pi. K3 (9)
- 7) Explain the physical Design of IoT. K4 (8)

- 8) Analyze the purpose of Sensors, Actuators and Smart Objects. K4 (12)

OR

Analyze in detail LoPWAN technology, illustrating the layers, MAC format and Architecture. K4 (12)