

3 hours

80 Marks

- Q.1
- A. Explain Publish Subscribe Model
 - B. Explain XML format
 - C. Explain SAAS
 - D. Explain LORA communication
- 20
- Q.2
- A. Explain in detail architecture of GSM
 - B. What is JSON? Explain different parts of JSON. Write a JSON program for creating Weather database to store Information
- 20
- Q.3
- A. Define various levels of IoT systems? Explain details of level 5 with an example.
 - B. Discuss ZIGBEE protocol stack, features and working of ZIGBEE devices.
- 20
- Q.4
- A. Explain MQTT protocol used in IoT in detail
 - B. What are the different service layers in cloud computing? Explain working with them
- 20
- Q.5
- A. Explain the benefits, features, Stakeholders in Cloud Architecture
 - B. Define various levels of IoT systems? Explain details of level 5 with an example.
- 20
- Q.6
- A. Explain COAP and its advantages
 - B. Explain difference between M2M and IOT
- 20
