NARSIMHA REDDY ENGINEERING COLLEGE
UGC AUTONOMOUS INSTITUTION
NRCM
your roots to success...
Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana State, India

Accredited by NBA & NAAC with 'A' Grade
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Permanently affiliated to JNTUH

INTERNET OF THINGS
Important Questions
Do not Leave a single question as choice

UNIT-I

1)Define IOT and its characteristics?

2)Explain physical design of IOT with neat diagram?

3)Explain logical design of IOT with neat diagram?

4)Explain in brief about various IOT enabling technologies?

5)Write about different IOT levels and deployment templates with diagram?

UNIT-II

1) Explain IOT applications in different domains like:

1.Home Automation

2.Smart Cities

3.Environment

4.Energy Systems

5.Retail

6.Logistics

7.Industry

8.Agriculture

9.Health & Lifestyle

UNIT-III

1) a) What is M2M? Differentiate between IOT and M2M?

   b) Explain SDM and NFV for IOT?

2) Write brief notes on:

1) SNMP   2) NETCONF   3)YAN

3) Explain various network operator requirements of IOT? Explain IOT system management with NETCONF-YANG?

UNIT-IV

1. Describe the steps of IOT Design Methodology with an example.

2.Write short notes on Python (i) Functions (ii) Modules and (iii) Packages. With examples

3. What are the useful Python packages for IoT Applications? Explain with examples.

UNIT-V

1. Write the Pin diagram of Raspberry Pi and give some Linux commands onRaspberry Pi.
2. What is IoT Devise and explain with neat block Diagram.
3. Demonstrate the working of the LDR Sensor using Raspberry pi.
4. Describe the Principle and concept of the working of DHT11 Sensor using Raspberry pi