

PART A

(10 x 2=20)

Answer any **TEN** questions

1. Write any two applications of IoT.
2. Define Edge computing.
3. Define the function of Physical layer.
4. What is Data Acquisition?
5. Define Embedded computing.
6. What is Routing?
7. What is structured data?
8. What is Hadoop?
9. Write any two IoT Industrial applications.
10. What is CPwE?
11. State on Django.
12. What is Actuator?

PART B

(2x5=10)

Answer any **TWO** questions

13. Discuss the functions of Sensors.
14. Write a brief note on IoT World Forum.
15. Discuss the functions of IEEE 802.15.4.
16. Write short notes on Apache Kafka
17. Discuss on Smart parking system
18. Bring out the role of machine learning towards IoT.
19. Describe the significances of Hadoop Ecosystem.
20. Explain about the AWS for IOT

PART C

(2x10=20)

Answer any **TWO** questions

21. Explain the functions of one M2M IoT architecture.
22. Describe the functions of CoAP and MQTT application layer protocols.
23. Discuss about Aurdino system board details and its functions.
24. Describe the significances of No SQL databases.
25. Explain the basic concepts of IBM Watson IoT platform.
