Course Code: 20MCA281

Course Name: INTERNET OF THINGS

Max. Marks: 60 Duration: 3 Hours

PART A

Answer all questions, each carries 3 marks. Marks

1	Define IoT. List out various real world Applications of IOT.	(3)
2	What do you mean by computational offloading?	(3)
3	Define TinyOS.	(3)
4	What are the advantages of Fog computing?	(3)
5	Define stream data in IOT.	(3)
6	Define Anomalies? How Anomaly Detection is performed in IoT.	(3)
7	Differentiate obfuscation and diversification techniques.	(3)
8	Explain about various security threats in IoT.	(3)
9	Differentiate Gateway hardware and Gateway software.	(3)
10	Define Sensors.	(3)

PART B

Answer any one question from each module. Each question carries 6 marks.

Module I

11	Summarize Taxonomy of Resource Management in IOT with the help of a suitable diagram.	(6)

OR

12	With the help of a neat diagram explain about the Open IoT Architecture for IoT/Cloud Convergence.	(6)

Module II

13	With the help of a Diagram Explain about Fog Computing Reference Architecture.	(6)

OR

14	Explain the importance of Fog Computing in IOT Applications.	(6)

Module III

15	Compare Data Stream Management System and Complex Event Processing System.	(6)

OR

16	Illustrate the characteristics of stream data in IOT.	(6)

Module IV

17	Summarize about the error detection techniques which are applicable in the context of an IOT.	(6)

OR

18	Explain about IOT routing attacks.	(6)

Module V

19	Explain about the Three key components of an IOT architecture.	(6)

OR

20	Summarize about Gateway.	(6)

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