P5240

[6188]-195

B.E. (Electronics & Telecommunication) (Insem)
MODERNIZED IOT
(2019 Pattern) (Semester - VII) (Elective - III) (404184 E)

Time : 1 Hour] *[Max. Marks : 30*

Instructions to the candidates:

1) *Answer Q.1 or Q.2, Q.3 or Q.4.*
2) *Neat diagrams must be drawn wherever necessary.*
3) *Figures to the right side indicate full marks.*
4) *Assume Suitable data if necessary.*

Q1) a) State the characteristics of IoT and explain the logical and physical design of IoT. **[8]**

b) Define the Internet of Things (IoT) and Internet of Everything (IoE). Highlight the key differences between the two. **[7]**

OR

Q2) a) Define Sensor and Actuator. List five sensors and five actuators used in IoT. **[7]**

b) Explain Request-Response and Exclusive pair communication model in detail. **[8]**

Q3) a) Write difference between LAN and WAN. **[4]**

b) Explain different service models of Cloud computing. **[6]**

c) State the difference between IoT and M2M. **[5]**

OR

Q4) a) Write a note on M2M and IoT analytics. **[8]**

b) Describe the role of devices and gateways in IoT technology. How do they contribute to the overall architecture? **[7]**

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