SV - 220

Seat No.	

Total No. of Pages : 2

B.E. (CSE) (Semester - VIII) Examination, May - 2019

Internet of Things (Elective - II)

Sub. Code : 67827

Day and Date : Wednesday, 22 - 05 - 2019 **Total Marks : 100**

Time : 10.00 a.m. to 01.00 p.m.

Instructions :
1) **Questions 4 and 8 are Compulsory.**
2) **Solve any 2 Questions from 1 to 3 and any 2 questions from 5 to 7.**
3) **Figures to the right indicate full marks.**

Q1) a) Explain IoT framework in detail. [8]

b) Explain H2H and H2M communication in detail. [8]

Q2) a) List and explain supportive technologies that are needed for wide-scale deployment of IoT applications. [8]

b) List and explain different structural aspect of the IoT. [8]

Q3) a) List and explain components of RFID System. [8]

b) What are the challenges faced by a modern WSN? Explain in detail. [8]

Q4) Write Short notes on any 3 of the following : [3 × 6 = 18]

a) ITU-T views

b) EPC

c) IEEE 802.15.6

d) Wireless Node or Mote in WSN

Q5) a) List and Explain any four WPAN technologies for IoT/M2M. [8]

b) Explain in detail Dedicated Short Range Communications (DSRC) and related protocols. [8]

P.T.O.

Q6) a) What are the aspects of governance? [8]

b) List and Explain Substantive principles for IoT governance. [8]

Q7) a) With neat diagram explain home automation. [8]

b) Discuss in detail smart metering in IoT context. [8]

Q8) Write Short notes on any 3 of the following : [3 × 6 = 18]

a) Advantages of Cellular and mobile technologies

b) Bodies subject to Governing Principles

c) Zigbee/IEEE 802.15.4

d) eHealth/Body Area Network

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