

SV-216

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B.E. (CSE) (Semester - VIII) Examination, May - 2018

INTERNET OF THINGS (Elective - II - A)

Sub. Code : 67827

Day and Date : Monday, 14-05-2018

Total Marks : 100

Time : 2.30 p.m. to 5.30 p.m.

- Instruction :**
- 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 ITU view of ubiquitous networking. [8]

b) What are the application of Internet of thing? Explain in detail. [8]

Q2) a) Explain various technologies used in IoT. [8]

b) Explain the structure of an object in IoT. [8]

Q3) a) Explain the various issues in 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) Internet of Things.
- b) EPC
- c) RFID reader and RFID Tag.
- d) H2M communication.

P.T.O.

Q5) a) Explain in detail Wireless personal area network (WPAN) [8]

b) Differentiate between WSN, WBAN and cellular wireless network. [8]

Q6) a) How Robustness can be achieved in IOT System. [8]

b) Explain Governance issues addressed in IOT system? [8]

Q7) a) How IoT is useful for development of smart city? [8]

b) Write down the Benefits of MBAN Technology. [8]

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

a) Bluetooth.

b) Aspects of governance.

c) DSRC related protocols.

d) e-Health/ Body area network.

