

Seat No.	
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B.E. (CSE) (Semester - VIII) Examination, November-2018**INTERNET OF THINGS (Elective - II)****Sub. Code : 67827****Day and Date : Thursday, 15 - 11 - 2018****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 human-to-human (H2H) communication and M2M. **[8]**

b) Explain working definitions of IoT. **[8]**

Q2) a) List and Explain key IoT technologies. **[8]**

b) Explain sensor technology in detail. **[8]**

Q3) a) Explain the various issues in RFID system. **[8]**

b) Explain different types of nodes in WSN. **[8]**

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

- a) Internet of Things
- b) ITU-T views
- c) Components of RFID System
- d) Satellite Technology

Q5) a) Explain in detail Wireless Personal Area Network (WPAN). **[8]**

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

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- Q6)** a) List and explain features of IoT infrastructure governance. [8]
b) List and explain governance issues in IoT. [8]

- Q7)** a) List and explain any two control application examples. [8]
b) List and explain any two automotive applications based on IoT. [8]

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

- a) RF4CE
- b) Smart Home Appliances
- c) Private Organizations related to IoT
- d) Smart Cards

