

Total No. of Questions : 6]

SEAT No. :

P334

[Total No. of Pages : 1

APR. - 16/BE/Insem.-77

B.E. (Information Technology) (Elective - IV(d))

INTERNET OF THINGS

(2012 Pattern) (Semester - II)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates :

- 1) Answer Q1 or Q2, Q3 or Q4, Q5 or Q6.
- 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) Explain in detail IoT Architecture with neat diagram. [6]  
 b) What is Internet of Things (IoT)? List applications of IoT. [6]

OR

- Q2) a) What are different things which are connected to Internet of Things? [4]  
 b) Write short note on : Overview and Motivation for Internet of Things. [6]

- Q3) a) Explain structural aspects of the IoT. [4]  
 b) Write short note on : IoT objects & services. [6]

OR

- Q4) a) What are Environment, Traffic characteristics of IoT? [4]  
 b) Explain in detail key technologies for Internet of Things. [6]

- Q5) a) Explain in detail RFID technology. [5]  
 b) What is WSN? Explain in detail with neat diagram architecture of WSN. [5]

OR

- Q6) a) Explain in detail WSN specific IoT applications. [4]  
 b) Explain challenges, security and QoS for WSN. [6]

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