

Roll No .....

**CS-6005 (1) (CBGS)**

**B.E. VI Semester**

Examination, May 2019

**Choice Based Grading System (CBGS)**

**Internet of Things**

*Time : Three Hours*

*Maximum Marks : 70*

- Note:* i) Attempt any five questions  
ii) All questions carry equal marks.

1. a) Discuss area of development and standardization in Internet of things.  
b) Write in detail application of Internet of things.
  
2. What is Network Function Virtualization (NFV) based architecture to address connectivity and interoperability challenges in Internet of things?
  
3. a) What issues might affect the development and implementation of the IoT?  
b) Explain data storage in IoT.
  
4. a) What is IP Addressing? Why IPv6 are required to implement the concept of IoT?  
b) Explain media access control.

5. Explain following term
  - i) Industrial and Automotive IoT
  - ii) Wireless sensor network technology
  
6. a) Discuss the security and privacy issues in IoT.  
b) Discuss the role of sensors in IoT. Explain various types of sensors.
  
7. Discuss any one case study of IoT in detail.
  
8. Write a short notes (any two)
  - a) RFID
  - b) Web sockets
  - c) M2M

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