

Total No. of Questions : 10]

SEAT No. :

**P2050**

[Total No. of Pages : 2

**[5059] - 655**

**B.E. (Computer Engineering) (Semester - II)  
WEB TECHNOLOGY (Elective - III)  
(2012 Pattern)**

*Time : 2½ Hours]*

*[Max. Marks : 70*

*Instructions to the candidates:-*

- 1) Answer Q 1 or Q 2 , Q 3 or Q 4, Q 5 or Q 6, and Q 7 or Q 8 and Q9 or Q10*
- 2) Neat diagrams must be drawn wherever necessary.*
- 3) Assume suitable data if necessary.*

**Q1) a) Write on IOT Applications. [6]**

b) Elaborate on Security Challenges in IOT. [4]

OR

**Q2) a) Write the four Aspects in your Business to Master IOT. [8]**

b) Write Economic Significance of IOT. [2]

**Q3) a) Elaborate the contribution from FP7 Projects in IOT. [6]**

b) Write short note on “Smartie Approach”. [4]

OR

**Q4) a) Discuss the Design Issues and technological Challenges in IOT. [6]**

b) Write on Smart Objects in IOT. [4]

**Q5) a) Explain M2M Service Layer Standardisation, [6]**

b) Why is the OGC involved in Sensor Webs for IOT? [6]

c) Write short note on: “Semantic Interoperability” and “Organizational interoperability”. [6]

OR

- Q6)** a) Explain the need of Standardization in IOT. [6]  
b) Describe the challenges of semantic interoperability in IOT. [6]  
c) Write short note on: Research Roadmap for IOT Testing Methodologies. [6]

- Q7)** a) Explain different web Identity management models. [8]  
b) Describe the challenges for a Secure Internet of Things. [6]  
c) Write short note on: Hybrid Identity Management. [4]

OR

- Q8)** a) Write short note on: Local Identity and Global Web Identity. [6]  
b) Explain the vulnerabilities of IOT. [6]  
c) Describe the limitations of different identification schemes. [6]

- Q9)** a) Explain Trust Management Life Cycle. [6]  
b) Describe SAML components with a neat diagram. [4]  
c) Explain Access Control Policies Modeling. [4]

OR

- Q10)** a) Describe the different Access Control Schemes in IOT. [8]  
b) Explain the challenges of authentication in IOT. [6]

