[5254]-675

B.E. (Computer Engineering) (End-Sem)
WEB TECHNOLOGY
(2012 Pattern) (Elective - III)

Time : 2½ Hours]   *[Max. Marks : 70*

Instructions to the candidates:
1) *Figures to the right side indicate full marks.*
2) *Neat diagrams must be drawn wherever necessary.*
3) *Assume Suitable data if necessary*

Q1) a) Explain properties of Autonomic IoT Systems. **[6]**

     b) Explain Governance, Security and Privacy in the Butler Project. **[4]**

OR

Q2) a) Write Research Directions for Self - manageable IoT systems. **[6]**

     b) Write objectives and uses of Smart campus. **[4]**

Q3) Describe the challenges and opportunities of data management in details. **[10]**

OR

Q4) a) Write use of IoT for any two industry. **[6]**

     b) Explain the components of a typical smart city information system. **[4]**

Q5) a) Draw and explain IoT reference model. **[8]**
     b) Explain iCoreFunctional Architecture. **[8]**

Q6) a) What are Current IoT Requirements? **[8]**
 b) Cross Vertical M2M Service Layer Standardisation. **[8]**

Q7) a) Explain identity management in Internet of Things. **[9]**
 b) Explain identity portrayal different phases. **[9]**

Q8) a) List and explain different identity management model. **[12]**
 b) Elaborate identity Hybrid Identity Management. **[6]**

Q9) a) Explain Paradigms for Identity Trust. **[8]**
 b) Explain Different access control schemes of IoT. **[8]**

*Q10)*a) Explain Authentication and Access control policies modeling. **[8]**
 b) Write contents of a typical attribute certificate. **[8]**

❍❍❍