

Total No. of Questions : 10]

SEAT No. :

P3565

[Total No. of Pages : 2

[4959] - 1165

B.E. (Computer Engineering)

Web Technology

(2012Pattern) (Elective - III (b)) (Semester - II)

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, Q.7 or Q.8, Q.9 or Q.10.*
- 2) *Figures to the right indicate full marks.*
- 3) *Neat diagrams must be drawn wherever necessary.*
- 4) *Assume suitable data if necessary.*

- Q1)** a) How Home Management can be done using IOT. [4]
b) Explain security concern of IOT. [4]
c) Write a short note on: Vision of IOT. [2]

OR

- Q2)** a) How IOT helps in Future Industry Development. [4]
b) Explain privacy policies in IOT. [4]
c) Write short Note on : IOT Standardization. [2]

- Q3)** a) Write IOT Applications. [4]
b) Defend : Smart cities via Data Aggregation. [6]

OR

- Q4)** a) Explain Data Management in IOT. [6]
b) Short note : Value Creation from Big Data and Serialization. [4]

P.T.O.

- Q5)** a) Justify importance of Standardization in IOT. [6]
b) Explain Research Roadmap for IOT Testing Methodologies. [6]
c) Lists the IOT semantic interoperability challenges. [6]

OR

- Q6)** a) Why is the OGC involved in Sensor Webs for IOT? [6]
b) Explain the need of common architectural ground for IOT. [6]
c) Write short note on: M2M service layer standardization. [6]

- Q7)** a) Identity management in IOT. [6]
b) Differentiate user-centric identity management and device-centric identity management. [6]
c) Explain high level view of Local Identity Management model. [4]

OR

- Q8)** a) Write short note on: Federated Identity and Global Web Identity. [6]
b) Elaborate identity portrayal in IOT. [6]
c) With diagram explain Identifier format for things. [4]

- Q9)** a) Explain the challenges of authentication in IOT. [8]
b) Explain different web of trust model with respect to : Web services security, SAML approach and Fuzzy approach for Trust. [8]

OR

- Q10)** a) Explain the trust management life cycle. [8]
b) Explain the relationship between trust and access control. [6]
c) Write short note on : SAML components. [2]

