QUESTION BANK -IOT

Chapter-1:

1) Define IOT. Explain Characteristics and component of IOT.
2) Explain Advantages and disadvantages of IOT.
3) Discuss various application areas of IoT.
4) Define IOT Explain Time for Convergence for IoT.
5) Define IOT. Explain reasons to converge the technologies and shift to IOT.
6) Explain smart parking IOT application using figure.
7) Explain smart home IOT application using figure.
8) Discuss smart health using IoT.
9) Explain research directions of IOT.
10) Discuss in detail Smart City application of IoT

Chapter-2:

1) Explain M2M Value Chains.
2) Discuss IoT architecture outline with diagram.
3) Explain IOT Value Chains using figure.
4) Define M2M. Explain reasons of shifting from M2M to IoT.
5) Explain Main design principles and needed capabilities of IOT.
6) Explain I-GVC using figure.
7) What is Global Value Chain? Explain it with a diagram.
8) Explain M2M Value Chains.
9) IoT-A Architecture.

Chapter – 3:

1) Explain ETSI M2M high-level architecture.
2) Explain IOT reference model.
3) Explain IOT function view.
4) Explain IOT reference architecture's deployment and operational view.
5) Explain reference architecture of IOT using figure.
6) Explain Functional View, Information View, Deployment and Operational View, Other Relevant architectural views of IOT reference architecture.
7) Explain Architecture Reference Model of IOT using figure.
8) What is IoT Domain Model?
9) Explain Open Geospatial Consortium Architecture with a diagram.

Chapter-4:

1) What the shopping basket can tell: IoT for retailing industry?
2) Explain in brief future factory concepts.
3) Describe four aspects in your business to master IoT.
4) Explain needs of IoT for Oil and Gas Industry.
5) Explain value creation from big data and serialization.
6) Enlist challenges faced by industry related IoT Applications.
7) Explain four Aspects in one's business to master IoT.
8) Explain eHealth IOT applications.
9) Explain security concerns for industry.
10) What the shopping basket can tell: IoT for retailing industry? (book- technical page no.- s1)
11) Explain in brief future factory concepts.
12) Discuss IoT for Oil and Gas Industry.
13) Explain: The smart factory.

Chapter-5:

1) Discuss GAMBAS adaptive middleware.
2) Explain smartie approach for IoT.
3) Explain security, privacy and trust in IoT-Data-Platforms for smart cities.
4) Data aggregation for the IoT in smart cities security.
5) Explain contributions from FP7 Projects.
6) Explain smartie approach, properties and characteristics.
7) Explain privacy-preserving sharing of IoT Data.
8) Explain Butler project.
9) Discuss activity chain - governance, privacy and security issues.