(3 Hours)   [Total Marks: 80]

N.B.: (1) Question No.1 is compulsory

(2) Attempt any THREE Questions between Question No.2 to 6

Q.1.   **Answer any FOUR**   [20]

(a)   IoT Level-1.

(b)   Open Geospatial Consortium architecture.

(c)   IoT Communication Models.

(d)   Web of Things versus Internet of Things.

(e)   Machine Diagnosis & Prognosis.

Q.2.

(a)   Explain the role of various IOT Enabling Technologies.   [10]

(b)   Discuss the domain model with reference with IOT reference   [10]
      Model.

Q.3.

(a)   Discuss the Information View in IoT Reference Architecture.   [10]

(b)   Explain in detail the Issues with IoT protocol Standardization.   [10]

Q.4.

(a)   List out the various steps involved in IoT system design   [10]
      methodology.

(b)   Explain how cloud computing is playing key role in IoT.   [10]

Q.5.

(a)   Describe how the environment can be more protected with the help   [10]
      of IoT technology in the following categories:
      (i) Air pollution monitoring (ii) Noise pollution monitoring
      (iii) Forest fire detection

(b)   With neat labelled diagram explain Cloud of Things Architecture.   [10]

Q.6.   [10]

(a)   Explain the Unified Multitier Web of Things Architecture in
      detail.

(b)   Describe the best practices undertaken to secure IoT systems.   [10]

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