

Time : 3Hrs

Marks : 80

- N.B.** 1) Question No.1 is **compulsory**.
: 2) Attempt any **three** from the remaining **five** questions.
3) Illustrate answers with neat sketches wherever required.
4) Answers to questions should be written **together**

- Q.1.** (a) Explain IoT value chain 10
(b) Give difference between M2M and IoT 05
(c) Explain role of WSN in IoT 05
- Q.2.** (a) Explain open source prototyping platform for IoT 10
(b) Explain Architecture reference model for IoT 10
- Q.3.** (a) Explain application of IoT for smart cities 10
(b) Explain role of Big Data in IoT 10
- Q.4.** (a) Explain the OCG Functional architecture and interactions using suitable diagram 10
(b) Explain sensors and interfacing in IoT 10
- Q.5.** (a) Explain in detail smart application of IoT for healthcare 10
(b) Explain SOA for IoT 10
- Q.6.** Write Short note on any four 20
(a) Motion Sensors
(b) Real world design Constraints of IoT
(c) M2M key application areas
(d) Cloud computing
(e) RFID
