U.G. 5th Semester Examination 2021
Computer Application (B.C.A)
(Honours)
Paper Code : SEC-1
Sensor Network & IOT
[CBCS]

Time: 2 Hour   **Full Marks: 40**

Group- A
(Answer any Five questions from question no.1. Each question carries two marks)   [2×5=10]

1.   a) List out the features of IoT.
     b) List out the I/O interfaces used in IoT.
     c) Define PaaS?
     d) Name the features of IoT reference model.
     e) State communication protocols.
     f) Define M2M.

Group- B
(Answer any Three questions)   [10×3=30]

2. a. Describe in detail about the IoT reference model.
    b. What is Cloud of Things (COT)? Name some applications of it?   5+5=10

3. a. Explain how information is shared between the devices through IoT.
   b. State and explain about M2M communication with example.   5+5=10

4. a. Describe a use case example of M2M and IoT approach.
   b. Explain the physical and logical design of IoT in detail.   5+5=10

5. a. Describe Real-World Design Constraints in the IoT.
   b. What is Socrades integration architecture?   6+4=10