UG 5th Semester Examination 2021
COMPUTER SCIENCE (Honours)
Paper Code : SEC-1
(Sensor Network & IoT)
[CBCS]

Full Marks: 40   **Time: 2 hours**

The figures in the margin indicate full marks.

Group -A   (2×5=10)
Answer any five questions.

1. (a) What is gateway?

   (b) Define the term 'IoT'

   (c) Name some IoT healthcare devices?

   (d) What is data visualization?

   (e) Define SaaS?

   (f) What is Edge Computing?

Group -B   (10×3=30)
Answer any three questions.

2. (a) Discuss the advantages of Industrial Automation?

   (b) What is M2M communication? Discuss advantages and disadvantages of it?

                                                          4+ (2+4)=10

3. (a)How does IoT affects our everyday lives? Discuss different components of IoT?

                                                          (4+6)=10

4. a) What are wireless sensor network? Discuss its applications?

   b) What is XaaS? What are the benefits of XaaS?

                                                          (2+3) +(2+3) =10

5. a) What is IMC-AESOP?

   b) Briefly explain the Real-World Design Constraints in IoT.   4+6=10