Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐☐   **Total No. of Pages : 02**

Total No. of Questions : 07

B.Sc. (IT) (Sem.–3rd)

SYSTEM ANALYSIS & DESIGN

Subject Code : BS-207

Paper ID : [B0412]

Time : 3 Hrs.   **Max. Marks : 60**

INSTRUCTION TO CANDIDATES :
1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains SIX questions carrying TEN marks each and students has to attempt any FOUR questions.**

SECTION-A

l. Write briefly :

(a) Define System.

(b) Difference between real time and distributed system.

(c) Define Top-down design.

(d) What do you mean by structured analysis?

(e) Give full form of CASE.

(f) Explain static modeling.

(g) List the types of threats to a computer system.

(h) Give full form of VIRUS.

(i) Define Normalization.

(j) Define Physical design.

SECTION-B

2. Explain OO Development Life Cycle and Modelling.

3. Explain System Development Life Cycle.

4. Explain the role, need, qualification and responsibilities of system analyst.

5. Explain various tools for system analysis.

6. Explain input form design.

7. Write short notes on :

   (a) Disaster Recovery.

   (b) Audit of Computer System Usage.