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

Total No. of Questions : 07

BCA (2011 & Onwards) (Sem.–3)
SYSTEM ANALYSIS & DESIGN
Subject Code : BSBC-301
Paper ID : [B0228]

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 a student has to attempt any FOUR questions.**

SECTION-A

1. **Write briefly :**

   a) What is module level testing?

   b) Define black box testing.

   c) How is complier different from interpreter?

   d) Define linker.

   e) What is System Analysis and Design?

   f) What is SRS?

   g) What is Data Dictionary?

   h) What is integrated case tool?

   i) What is coupling? Types of coupling.

   j) Explain the features of programming language.

SECTION-B

2. What is significance of software testing? Discuss in detail module level and system level testing methods.

3. Describe software specification documents and attributes.

4. Define the concept of Integarted CASE tools. How are they useful?

5. Discuss the role of a system analyst in system analysis and design. Explain in detail the structure of SRS.

6. Discuss software specifications and classifications in system analysis.

7. Write a short note on fundamental of coding. What should be the criteria for selection of programming language?