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

Total No. of Questions : 07

B.Sc. (IT) (2015 & Onwards)   (Sem.–4)
SYSTEM ANALYSIS & DESIGN
Subject Code : BSIT-403
M.Code : 74085

Time : 3 Hrs.   Max. Marks : 60

INSTRUCTIONS 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 have to attempt any FOUR questions.**

SECTION-A

 1. **Explain the following :**

   a) Explain UNIT testing.

   b) List difference between White box testing and Black Box testing.

   c) What is USER-manual?

   d) What do we mean by Structured Analysis tool in System Analysis &Design?

   e) What is QUALITY CONTROL?

   f) Define INTEGRATION testing.

   g) Explain feasibility.

   h) Name the various tools needed for data/information gathering.

   i) What do you mean by Blueprint in design phase?

   j) What do you mean by POST-implementation maintenance?

SECTION-B

2. What is SDLC? Explain its phases in detail.

3. Explain TESTING with respect to Alpha, Beta, Regression and Acceptance testing.

4. What is the importance of documentation in System Design? Elaborate it.

5. Explain the role of SYSTEM ANALYST in the success of project.

6. List down the major difference between VERIFICATION and VALIDATION of product.

7. Give brief overview of system design along with a case study of project in detail.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.