



UTTARAKHAND OPEN UNIVERSITY, HALDWANI (NAINITAL)
उत्तराखण्ड मुक्त विश्वविद्यालय, हल्द्वानी (नैनीताल)

BCA 2ND YEAR 4TH SEMESTER ASSIGNMENT

Last Date of Submission: 15- May-2014

Course Title: System Analysis & Design

Course Code: BCA-12

Year: 2013-14

Maximum Marks: 40 Marks

Section 'A' contains 08 short answer type questions of 5 marks each. Learners are required to answers 4 questions only. Answers of short answer-type questions must be restricted to 250 words approximately.

1. Differentiate between system testing and user acceptance testing.
2. Define Coupling and cohesion.
3. Explain the key attributes of successful analyst.
4. Explain the various drawback of SDLC (System Development Life Cycle) method.
5. Define a system. What are the elements of a system? Compare Open and closed system.
6. Briefly explain the three levels of quality assurance.
7. What is DSS? Explain.
8. What is structured analysis? List out the various tools used for structured analysis.

Section 'B' contains 04 long answer-type questions of 10 marks each. Learners are required to answers 02 questions only.

1. What are different phases in SDLC? What is need of System Analysis? Explain the role of System Analyst.
2. What is a systems prototype? When is use of the prototype method most appropriate?
3. Differentiate between Physical and Abstract System.
4. Write a short note on following :
 - (i) Block-box testing.
 - (ii) White-box testing.