



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

BCA-16/BCA-17 2nd YEAR 4th SEMESTER ASSIGNMENT

Session - 2017-18, Summer Last Date of Submission: 31st October 2017
Session - 2017-18, Winter Last Date of Submission: 30th April 2018

Course Title: System Analysis and Design

Course Code: BCA-12

Maximum Marks: 30/20

Section 'A' contains 08 short answer type questions of 4/2.5 marks each. Learners are required to answers 4 questions only. Answers of short answer-type questions must be restricted to 250 words approximately.

1. Define a system and sub-system with an example.
2. State the differences between cohesion and coupling.
3. Discuss various types of testing.
4. What is an information system? What are the different types of information systems?
5. What is SDLC? What are phases associated with SDLC?
6. What is the purpose of information gathering tools?
7. What is cost benefit analysis? Explain.
8. What is Structured English? State its advantages.

Section 'B' contains 04 long answer-type questions of 7/5 marks each. Learners are required to answers 02 questions only.

1. Discuss the various responsibilities of a system analyst.
2. Discuss the concept of MIS and DSS. How are they related? How do they differ?
3. What is documentation? Explain the uses of documentation.
4. Define System Audit. Also discuss the types of auditors.