



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

BCA-11/BCA-16 2nd YEAR 3rd SEMESTER ASSIGNMENT

Last Date of Submission: 15/12/2016

Course Title: Object-Oriented Programming through C++

Course Code: BCA-08

Year: 2016-17

Maximum Marks: 30/40

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

1. What are virtual functions? Give an example.
2. What is exception handling?
3. What is user defined data types? Write one example.
4. What is scope resolution operator? Write its uses.
5. What is the difference between a keyword and an identifier?
6. Define bitwise operator with an example.
7. What is the difference between while and do-while loop?
8. What do the seekg(), seekp(), tellg() and tellp() functions?

Section 'B' contains 04 long answer-type questions of 7/10 marks each. Learners are required to answers 02 questions only.

1. Explain the features of the object oriented programming with suitable examples.
2. Explain different types of inheritance with suitable examples.
3. What do you mean by copy constructors? Explain with an example.
4. With an example, explain the use of inline function.