



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

BCA 2nd YEAR 4th SEMESTER ASSIGNMENT

Last Date of Submission: 15 July 2015

Course Title: Programming in Java

Course Code: BCA-13

Year: 2014-15

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. Why Java is called a platform independent language?
2. What is a Java applet? What is its function?
3. What are the different types of constants in Java? Explain with examples.
4. What are objects? How are they created?
5. Write a program to add two matrices.
6. What is a package? What is its function?
7. What is the difference between Exception and Error in java?
8. What is a layout manager?

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

1. What do you mean by looping? What are the different types of loop in the Java programming language? Briefly explain with their syntax.
2. Explain the various I/O Streams.
3. What are the steps involved in establishing a JDBC connection? Explain.
4. What are the Applet's Life Cycle methods? Explain them?