Roll No........................

BCA-402(O)

B.C.A. (Semester-IV) Examination-2014

Paper: Second

Introduction to Java Programming

Time: Three Hours]   [Maximum Marks: **75**

Note: Attempt all questions from section A and seven questions from section B and one question from section C.

Section-A   (9x2)

1.   Explain the features of Java.

2.   Write short notes on OOPs.

Section-B (7x6)

3. What are Wrapper classes? What is their use?

4. Define multi threading? Write a program in Java using multi threading.

5. Explain one life cycle of an applet.

6. What are the various levels of access control? What is the difference between them?

7. What is an array? How do we declare an array and create array objects?

8. Define an exception. Explain the usage of try and catch clause.

9. Write a program in Java for adding two numbers with the help of button, textbox and label.

10. Explain the difference between object-oriented language and object-based language.

11. Why Java language is platform independent?

12. Write an example of multiple catches.

Section- C (15x1)

13. What is run-time polymorphism? Explain the virtual classes.

14. What is constructor? Why it is used in Java? Explain copy constructor with an example.

15. What is a Dialog Box? How does it differ from frames?