OS – 443

V Semester B.C.A. Degree Examination, October/November 2012
(O.S.)

Paper – 5 BCA 1 : JAVA PROGRAMMING AND WEB PAGE DEVELOPMENT

Time : 3 Hours   Max. Marks : 80

Instruction : Answer all Sections.

SECTION – A

Answer **any eight** questions.   (8×3=24)

1. Explain features of Java.

2. How Java is different from C++.

3. What are the primitive data types available in Java ?

4. What are different categories of operators in Java ?

5. With an example show the difference between break and continue statements.

6. What is a package ? How to create it ?

7. What are wrapper classes ? Mention any two.

8. Mention atleast 3 methods of string class (with example).

9. What is a thread ? What is thread priority ?

10. Illustrate method overriding with example.

SECTION – B

Answer **any four** questions.   (4×14=56)

11. a) What is an Applet ? Write notes on its life cycle.   7

    b) Write a program to implement thread priorities.   7

P.T.O.

12. a) What is a vector ? How it is different from an array ?   7

    b) Write a note on different forms of inheritance.   7

13. a) Write a note on static variables and static methods.   7

    b) Explain exception handling in Java with an example.   7

14. a) Write a note on :

      a) abstract class

      b) control statements.   8

    b) Write a note on AWT package.   6

15. a) What is a stream ? Explain character and byte streams.   7

    b) Write a program to reverse a string.   7

16. a) Illustrate access specifiers in Java with suitable examples.   6

    b) Write the difference between applet and application program. Create a simple applet and explain its status window.   8

———————