

Register Number:
Name of the Candidate:

B.C.A. DEGREE EXAMINATION, 2010

(THIRD YEAR)

(PART-III: PAPER-XVI)

720. INTERNET AND JAVA PROGRAMMING

(NEW REGULATION) (INCLUDING LATERAL ENTRY)

Dec]

[Time : 3 Hours

Maximum : 100 Marks

SECTION-A

Answer any EIGHT questions

(8×5=40)

1. Explain with an example, single level inheritance.
2. Explain with syntax, the switch statement. Give a suitable example.
3. Write a Java program to find the factorial of a given number.
4. Discuss the differences between multithreading and multitasking.
5. Discuss the functions of Layout managers. List any layout managers.
6. What is an Applet? Explain the two types of applets.
7. Write a detailed note on byte stream classes.
8. Elucidate the various types of Java bean properties.
9. Compare RMI with CORBA.
10. What are the basic requirements of distributed component technology?

SECTION-B

Answer any THREE questions

(3×20=60)

11. a) Discuss the various operators in Java.
b) Describe the most often used Java built-in exceptions.
12. a) Describe the various forms of implementing interfaces. Give examples of Java code for each case.
b) Describe the various methods defined in MouseListener interface.
13. a) Describe the various attributes of APPLET tag.
b) What is a random access file? How is it different from a sequential file? Why do we need a random access file?
14. a) List and explain a few classes of Java beans package.
b) Write a note on (i) Object Request Broker (ORB) (ii) Interface Definition Language (IDL)
15. a) Write a detailed note on JSP script lets. Give examples.
b) Discuss the JINI system protocols "Discovery, Joint and Lookup".
