

V Semester B.C.A. Degree Examination, October/November 2011
(Y2K8 Scheme)

COMPUTER SCIENCE
BCA 504 : Java Programming

Time : 3 Hours

Max. Marks : 60

Instruction : Answer all Sections.

SECTION – A

Answer any 10 questions.

(10×1=10)

1. What is a byte code ?
2. What are separators ?
3. What is transient variable ?
4. What is an abstract class ?
5. What is a unicode ?
6. What is an empty statement ?
7. When do we declare a method final ?
8. What is string buffer class ?
9. What is a local applet ?
10. What is blocking of thread ?
11. _____ method flushes the stream.
12. Which listener interfaces can be added to a Text Area object ?



SECTION - B

Answer **any 5** questions.

(5×3=15)

13. How C++ is different from Java ?
14. How is Java strongly associated with the internet ?
15. Why do we need the import statement ? Explain with an example.
16. Explain the uses of 'super' keyword in Java's inheritance concept with syntax.
17. What are the differences between Java Application and Applet ?
18. What is a vector ? Explain.
19. What are events ? Explain event handling in Java.
20. Write a Java Program to check whether the given no. is prime or not.

SECTION - C

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Answer **any 5** questions.

(5×7=35)

21. Compare in terms of their functions, the following pairs of statements :
 - a) while and do-while
 - b) while and for
 - c) break and continue.
 22. Explain any 7 methods of string class.
 23. What is an interface ? How to implement interface ? Give examples of Java code.
 24. With a sample program explain different ways of creating a thread.
 25. Explain life cycle of Applet with an example.
 26. What is an exception handling ? How to handle exceptions ? Explain with program.
 27. Explain about the graphics class.
 28. Write a program to implement keyboard events.
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