



SN – 676

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V Semester B.C.A. Degree Examination, November/December 2017  
(Y2K8 Scheme) (Repeaters)  
JAVA PROGRAMMING (BCA – 504)

Time : 3 Hours

Max Marks : 60/70



**Instruction:** Section – D is applicable **only** to the students who were admitted in **2013-14** and onwards.

SECTION – A

Answer any ten questions.

(10×1=10)

- ✓ 1. What is JDK ?
- ✓ 2. What is empty statement ?
3. What is type casting ?
4. What is abstract class ?
5. What is vector ?
6. What is synchronization ?
- ✓ 7. Define interface.
- ✓ 8. What is runtime exception ?
- ✓ 9. What is an applet ?
- ✓ 10. Define events in Java.
- ✓ 11. What is stream ?
- ✓ 12. What is file class ?

SECTION – B

Answer any five questions.

(5×3=15)

- ✓ 13. Java is platform independent. Explain.
14. Explain the access specifiers.
- ✓ 15. Explain break and continue statements with an example.

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16. Why strings are called as immutable ? Mention any three strings operations.
17. What is inheritance ? List types of inheritance.
18. Explain the attributes of PARAM tag ?
19. Explain Reader and writer.
20. What are update() and repaint() methods ?

SECTION - C

Answer **any five** questions.

(5×7=35)

21. Write a note on JAVA environment.
22. Distinguish between method overloading and method overriding with suitable examples.
23. Explain thread life cycle with a neat diagram.
24. What is super ? Explain the use of super with example.
25. How to handle exception using try-catch block ?
26. Explain <APPLET> tag with an example.
27. Write a note on graphics class and its methods.
28. Explain I/O streams with example.

SECTION - D

Answer **any one** question.

(1×10=10)

29. a) Write a program to find the factorial of a number using command line arguments. 5  
b) Explain any five classes of AWT packages. 5
  30. Write a program to implement keyboard events.
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