



(Pages : 3)

6795

Reg. No. :

Name :

**Third Semester B.C.A. Degree Examination, November 2014
(Career Related FDP under CBCSS)
CP 1344 : Programming in Java
(2013 Admission)**

Time : 3 Hours

Max. Marks : 80

**SECTION – A
(Very Short Answer Type)**

One word to maximum of one sentence. Answer all questions. (10×1=10 Marks)

1. Who developed Java programming language ?
2. Expand JDK.
3. How is Java Bytecode is different from other low-level programming ?
4. "The name of the class must not be same as the name of the file", is it true ?
5. What is an Exception ?
6. What is the use of seek() method in Random Access File ?
7. Expand AWT.
8. What is an Applet ?
9. What is a Servlet ?
10. Expand JSP.

**SECTION – B
(Short Answer)**

Not to exceed one paragraph, answer any eight questions. Each question carries two marks. (8×2=16 Marks)

11. Where does Bytecode come from ?
12. What is the difference between Compiler and Interpreter ?

P.T.O.



13. What is an Integer Overflow ?
14. What are the ways to write comments in Java ?
15. How long is the substring returned by the call `alphabet.substring(9, 16)` ?
16. What is Overloading ?
17. What is a Constructor ?
18. What is a Frame in Java ?
19. Differentiate between 'throw' and 'throws' in Exception Handling.
20. How does the Applet `start()` method invoked ?
21. What does JDBC do ?
22. What is the use of URL ?

SECTION – C

(Short Essay)

Not to exceed **120** words, answer **any six** questions. **Each** question carries **four** marks. **(6×4=24 Marks)**

23. What are the eight Java Primitive Types ? Write a Java program that simply declares and initializes eight variables and then prints them.
24. What is the difference between Constructor and Method ?
25. Explain the structure of a Java program.
26. Explain the Iteration statement in Java.
27. Write a Java program that creates a Frame that contains a Button Component.
28. Explain the concept of Abstract Class.



29. Explain the life cycle of a Thread.
30. Explain File Handling in Java.
31. Explain how Servlets handle HTTP GET request in Java.

SECTION – D

(Long Essay)

Answer **any two** questions. **Each** question carries **15** marks.

(2×15=30 Marks)

32. Explain the characteristics of Java.
 33. Explain Multithreading in Java with example.
 34. Explain how exceptions are Handled in Java.
 35. What are Java Applets ? Explain different methods used by the Applet Class.
-