Reg. No. : ....

·Name : ....

Third Semester B.C.A. Degree Examination, January 2019
Career Related First Degree Programme Under CBCSS
Computer Applications
Core Course
CP 1344 : PROGRAMMING IN JAVA
(2014 Admn. Onwards)

Time : 3 Hours

Max. Marks : 80

PART – A
(Very Short Answer Type)

Each question carries 1 mark.

(10×1=10 Marks)

1. What are the logical operators in Java ?

2. What is class ?

3. What is the initial name of Java ?

4. How to declare constants in Java ?

5. What is Exception class in Java ?

6. Write a note on URL.

7. Which is the class that is inherited by all java classes ?

8. Expand JDBC.

9. Which is the first method to get executed during the life cycle of an Applet ?

10. Which is the function to insert an image into an applet ?

PART – B
(Short Answer Type)

Answer **any eight** questions. **Each** question carries **2** marks. **(8×2=16 Marks)**

11. Explain 2-Dimensional arrays in Java.

12. Explain the different attributes used in applet tag.

13. Explain how to prevent a class from inheriting its property .

14. Write a note on Thread class.

15. Show an example to implement throw statement in Java.

16. Write a simple Applet to write a message.

17. Why Java programs are secured ?

18. Explain the drawString() function in Graphics package.

19. Write a note on OutputStream.

20. Explain Textfieldclass in Java.

21. What is the difference between the paint and repaint method ?

22. Explain statement interface in JDBC.

PART – C
(Short Essays)

Answer **any six** questions. **Each** question carries **4** marks. **(6×4=24 Marks)**

23. What is the significance of superkeyword ?

24. Write a note on IO package.

25. Write a note on arrays in Java.

26. Explain the keywords try, catch and finally in Java.

27. Write a complete program to implement event handling.

28. Explain abstract class in Java.

29. Write an applet program to implement ActionListener.

30. Write a note on java.applet package.

31. Explain any four subclasses of Exception class.

PART – D

(Long Essay)

Answer **any two** questions. **Each** question carries **15** marks.   **(2×15=30 Marks)**

32. Explain the following :
    a) JVM.
    b) String class.
    c) Import statement.
    d) Continue.
    e) Final Keyword.

33. Explain Applet programming.

34. Explain with a program how to retrieve data from a database.

35. Explain features of Java programming.

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