M 8517

Reg. No. : ....

Name : ....

IV Semester B.C.A. Degree (CCSS – Reg./Supple./Imp.) Examination, May 2015
CORE COURSE
4B10 BCA : Java Programming

Time : 3 Hours

Max. Weightage : 21

SECTION – A

Answer **all** questions. Weightage for a bunch of **four** questions is **1**.

1. In Java, exception class is defined in _____ class.

2. _____ is a class in Java that has only abstract methods and final fields.

3. _____ is a statement used for multithreading.

4. The creator of Java is _____ (W=1)

5. Ordered sequence of data which can act as an interface between programs and I/O device is _____

6. The _____ class helps in reading files.

7. The Java run time system is also known as _____

8. The _____ keyword is used inside any method to refer to the current object. (W=1)

SECTION – B

Answer **any five** questions. Weightage **1 each**.

9. Differentiate between notify() and notifyall().

10. What are applets ?

P.T.O.

11. Distinguish between transient and volatile modifiers.

12. List few classes included in java language.

13. What are type wrappers ?

14. What is serialization ?

15. Define event classes.

16. List 6 controls supported by AWT. (5×1=5)

SECTION – C

Answer **any 5** questions. Weightage **2 each**.

17. Describe four methods used in Java for graphics.

18. Write a program in Java to implement multilevel inheritance.

19. Describe the JDBC architecture.

20. What is abstract window tool kit ? Give its features.

21. How are exceptions handled in Java ?

22. Distinguish between applications and applets.

23. Describe filtered streams.

24. Write a class complex and use it to add two complex numbers. (5×2=10)

SECTION – D

Answer **any 1** question. Weightage is **4**.

25. Explain the various event handling mechanisms in Java.

26. Prepare a mark sheet of students where data is represented by objects in a data file. Use constructors. Assume appropriate format. (1×4=4)

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