M 7115

V Semester B.Sc. Degree (CCSS – Reg./Supple./Imp.)
Examination, November 2014
CORE COURSE IN COMPUTER SCIENCE
5B10 CSC : Java Programming

Time : 3 Hours   Max. Weightage : 21

SECTION – A

Answer **all** questions. Weightage for a bunch of **4** questions is **1**.

1. The _____ statement is used to skip a part of the loop.

2. The _____ operator is used to access the instance variable and methods of class objects.

   a) address(&)   b) dot (.)   c) indirection (*)   d) none of these

3. The _____ method is used to set thread priority.

4. _____ statement is used to handle an exception that is not caught by any of the previous catch statement.

   a) default   b) try   c) finally   d) none of these

5. _____ are small java programs that are primarily used in Internet computing:

6. The use of protected keyword to a member in a class will restrict its visibility as follows :

   a) visible only in the class and its subclass in the same package

   b) visible only in the same package

   c) visible in all classes in the same package and subclass in other

   d) visible only in the class where it is declared

P.T.O.

7. In Java, _____ is used to support the concept of multiple inheritance.

8. AWT stands for _____   (2×1=2)

SECTION – B

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

9. What is remot applet ?

10. List bitwise operators used in Java.

11. List the integer data types.

12. What is a class ?

13. What is the use of finalizer() method ?

14. What is a stream ?

15. What is an event ?

16. What is metadata ?   (5×1=5)

SECTION – C

Answer **any five** questions. Weightage **2** for **each**.

17. Explain the features of Java language.

18. Explain different forms of inheritance in Java.

19. What is an interface ? What are the differences between interfaces and classes ?

20. State the steps involved in creating a file.

21. What is synchronization ? Explain how to synchronize threads.

22. Write a program to find factorial of a number.

23. Explain multithreading.

24. Write a short note JDBC.   (5×2=10)

SECTION – D

Answer **any one** questions. Weightage **4** for **each**.

25. a) Explain any two control structures in Java.

    b) Explain basic classes in AWT.

26. Explain exception handling in Java.   (1×4=4)

_____