D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1
SEMESTER EXAMINATIONS
NOVEMBER - 2017   15CIS5B

PROGRAMMING IN JAVA

Time : 3 Hours   **Max. Marks : 75**

SECTION – A (10 x 2 = 20)

Answer ALL the questions.

1. Name the characters that are used as Separators.
2. What is Encapsulation?
3. What is Method Overloading?
4. Define an Abstract Class.
5. What is Synchronization?
6. Give the syntax for Importing Packages.
7. Mention the methods that are called for Applet Initialization and Termination.
8. Name the three pre - defined Stream Variables.
9. List the various Layout Manager Classes.
10. What is a Proxy Server?

SECTION – B (5 x 5 = 25)

Answer any FIVE of the following questions.

11. Explain the features of Java.
12. Write a note on the Primitive data types of Java.
13. Explain briefly about Method Overriding.
14. Write a note on Java Constructors Program with example.
15. Briefly explain about Inter - Thread Communication.
16. Write briefly about I/O Streams.
17. Explain about TCP/IP Sockets.
18. Write short notes on Datagrams.

SECTION – C (3 x 10 = 30)

Answer ALL the questions.

19. (a) Briefly explain the various types of Operators.

                                        (Or)

    (b) Discuss the basics of Inheritance and its types.

20. (a) Describe briefly about Exception - Handling in Java.

                                        (Or)

    (b) Explain in detail about Interfaces.

21. (a) Discuss briefly about String Buffer Methods. Give Examples.

                                        (Or)

    (b) Explain briefly about the various AWT Controls.

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