M.Sc DEGREE EXAMINATION,APRIL 2019
I Year II Semester
Programming in Java

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

Section A $(10 \times 2 = 20)$ Marks

Answer any **TEN** questions

1. What is Encapsulation?
2. Define Polymorphism.
3. What is a ternary operator?
4. Give the syntax of for loop. Also give an example.
5. What are access specifiers? List them.
6. What is the use of throws clause in Java?
7. What is Multithreading?
8. What is a deadlock?
9. What is a Stream?
10. Give the use of an Applet.
11. Define Serialization.
12. What is Overriding?

Section B $(5 \times 5 = 25)$ Marks

Answer any **FIVE** questions

13. List the features of Java.
14. Explain Method Overloading.
15. Discuss about Interfaces.
16. Discuss about Threads & Runnable Interface.
17. Explain String Handling in Java.
18. Discuss about Operators in Java.
19. Elaborate on I/O Streams in Java.

Section C $(3 \times 10 = 30)$ Marks

Answer any **THREE** questions

20. Discuss Control statements in Java.

21. Explain Inheritance with an example program.

22. Write a program in Java to illustrate Exception Handling.

23. Write a program in Java to implement synchronization using Threads.

24. With an appropriate example explain the use of Applets.

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