

**18P346**

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Name.....

Reg. No.....

**THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2019**

(Regular/Supplementary/Improvement)

(CUCSS-PG)

**CC17P CSS3 C03 - OBJECT ORIENTED PROGRAMMING CONCEPTS**

(Computer Science)

(2017 Admission onwards)

Time: Three Hours

Maximum: 36 Weightage

**Part A**

Answer *all* questions. Each question carries 1 weightage.

1. What is object cloning?
2. Define abstraction.
3. What is multithreading?
4. List any four listener class in java.
5. Define method dispatch.
6. What is socket?
7. What is the use of 'this pointer'?
8. Differentiate between window and frame.
9. Define JVM.
10. What is UML? Write the differences between UML and ordinary flowchart?
11. What is the use of 'finally'?
12. Define JDBC result set.

**(12 x 1=12 Weightage)**

**Part B**

Answer any *six* questions. Each question carries 2 weightage.

13. Define constructors. Explain different type of constructors with suitable examples.
14. What are java packages? How it can be created and implemented?
15. Distinguish between entry control and exit control loop with suitable examples.
16. What is an applet? Explain life cycle of an applet.
17. What are the different data types used in java?
18. Explain different type of layout managers.
19. Explain thread. How thread can be implemented in java?
20. What is an abstract class? Explain with suitable examples.
21. What are the different types of jumping statements? Explain with examples.

**(6 x 2 = 12 Weightage)**

### **Part C**

Answer any *three* questions. Each question carries 4 weightage.

22. Explain the JDBC architecture. Write the role of driver in JDBC.
23. How multiple inheritance is implemented in java? Explain with example.
24. Explain exception handling with suitable example.
25. Write a short note about polymorphism.
26. Write a program for multiplying two matrixes.
27. Explain standard stream classes.

**(3 x 4 = 12 Weightage)**

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