

D 31116

(Pages : 2)

Name.....

Reg. No.....

**THIRD SEMESTER M.Sc. DEGREE (REGULAR/SUPPLEMENTARY)  
EXAMINATION, NOVEMBER 2022**

(CBCSS)

Computer Science

CSS 3C 12—OBJECT ORIENTED PROGRAMMING CONCEPTS

(2019 Admission onwards)

Time : Three Hours

Maximum : 30 Weightage

**Section A***Answer any **four** questions.**Each question carries 2 weightage.*

1. Define encapsulation in object oriented programming.
2. What is the use of this keyword in Java ?
3. What do you mean by Heavyweight Components ?
4. What is a frame in Java and AWT ?
5. What is the purpose of statements in JDBC ?
6. What is the use of 'super' keyword ?
7. What is polymorphism ?

(4 × 2 = 8 weightage)

**Section B***Answer any **four** questions.**Each question carries 3 weightage*

8. Write the difference between while and do while statements.
9. What do you mean by dynamic method dispatch ?
10. Write the importance of packages in Java.
11. Write a method to implement multiple inheritance in Java.
12. Explain the different attributes of <applet> tag in HTML.

**Turn over**

13. What are the security features available in Java applets ?
14. Write the features of UML.

(4 × 3 = 12 weightage)

### Section C

*Answer any two questions.  
Each question carries 5 weightage*

15. Explain the properties of object oriented programming in detail.
16. Write the importance of throw and throws statements in Java, explain with an example.
17. What is Java Swing ? Explain the advantages and disadvantages of it with examples.
18. Explain how the database can be accessed and processed in Java. Include a simple example in your explanation.

(2 × 5 = 10 weightage)