22P337 (Pages: 2) Name: ……………………….

Reg. No: …………………….

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2023

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19P CSS3 C12 – OBJECT ORIENTED PROGRAMMING CONCEPTS

(Computer Science)

(2019 Admission onwards)

Time: 3 Hours   Maximum: 30 Weightage

Part-A

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

1. What is the significance of switch statement in java?

2. Briefly default constructor with an example.

3. Define Constructor overloading.

4. What is buffered Reader?

5. What is thread?

6. Differentiate application and applet.

7. What is JDBC Driver?

(4 × 2 = 8 Weightage)

Part-B

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

8. Explain OOPs in detail.

9. Explain new operator in detail.

10. Draw and explain Exception hierarchy.

11. Discuss the role of Adapter in event handling.

12. Explain the Structure of the AWT.

13. What is Socket?

14. Give a detailed note on UML

(4 × 3 = 12 Weightage)

Part-C

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

15. Explain features of java in detail.

16. Explain call by value and call by reference parameter passing mechanisms with examples for each.

17. What is inheritance? A super class Person with two subclasses, Student and Instructor, that inherits from Person. A person has a name and a year of birth. A student has a department, and an instructor has a salary. Create the classes with suitable member functions to read and display the details.

18. What are interfaces? How interfaces can be inherited in java?

(2 × 5 = 10 Weightage)

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