20P337   (Pages: 2)   Name: ……….…………...

Reg. No: ……………………

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2021

(CBCSS-PG)

(Regular/Supplementary/Improvement)

CC19P CSS3 C12 - OBJECT ORIENTED PROGRAMMING CONCEPTS

(Computer Science)

(2019 Admission onwards)

Time: Three Hours   Maximum: 30 Weightage

Part A

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

1. Define dynamic method dispatch.

2. Explain the life cycle of thread with neat diagram.

3. Explain any four layout managers in AWT.

4. What is Socket?

5. How multithreading implemented in java?

6. Explain primitive data types used in java.

7. Write about interfaces in java.

(4 × 2 = 8 Weightage)

Part B

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

8. Define constructors. Explain different type of constructors with suitable example.

9. How exceptions handled in java. Explain with example.

10. Write about applet life cycle.

11. Explain different database drivers.

12. What are java packages? How it can be created and implemented.

13. Explain the following

      a. State and activity diagram

      b. Class diagram

      c. Component diagram

14. Write a short note about polymorphism.

(4 × 3 = 12 Weightage)

Part C

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

15. Briefly explain inheritance in java with suitable example.

16. Describe any five commonly used controls while designing a GUI using SWING.

17. Explain control statements in java with suitable example.

18. Explain standard stream classes.

(2 × 5 = 10 Weightage)

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