MAY 2023 **P/ID 17606/PCA2E**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. What is Object Oriented Programming?

2. List the steps in declaring a two dimensional array.

3. What is method overriding?

4. Write the procedure to import a package.

5. Define : Thread priorities.

6. What is Inter–thread Communication?

7. What is Runnable interface?

8. Define: Wrapper classes.

9. Define the term Socket.

10. Write a note on URL.

11. Write the syntax of drawString method.

12. List any three AWT controls.

PART B — ($5 \times 6 = 30$ marks)

Answer any FIVE questions.

13. Bring out the decision making and branching Statements in Java.

14. Write a Java program using for loop statement.

15. Explain Multi-threading with an example program.

16. Write in detail about any three string handling functions.

17. Explain briefly about datagrams in Java.

18. Discuss in detail about the Layout Managers.

19. Explain any TWO listener events.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

20. Explain constructors overloading with suitable example.

21. Describe Exception handling in Java.

22. Write in detail about Stream classes in Java.

23. Explain reserved sockets and proxy servers in Java.

24. Illustrate user interface components in swing with an example.

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