MAY 2023 **P/ID 16306/PIT2E**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. Define class and object.

2. What is method overriding?

3. Write the functionalities of super keyword.

4. List the four access specifiers.

5. Define multithreading.

6. Write the advantages of package.

7. What is the use of file stream classes?

8. How is java code documentation done?

9. What is datagram?

10. Write short notes on proxy server.

11. Distinguish TCP and IP.

12. Name the types of servlets.

PART B — ($5 \times 6 = 30$ marks)

Answer any FIVE questions.

13. Explain the Java features in detail.

14. Explain method overloading in detail.

15. Elaborate interface with an example.

16. Explain java exception handling mechanisms.

17. Explain in detail about Applets.

18. Explain AWT components in detail.

19. Discuss the methods involved in servlet life cycle.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

20. Explain object-oriented concepts in detail.

21. Elaborate synchronization with an example.

22. Explain the functionalities of the following string methods.

    (a) charAt()

    (b) contains()

    (c) lastIndexOf()

    (d) split()

    (e) substring()

23. Explain any five AWT controls with an example.

24. State the need of Servlet. Explain servlet with an example in detail.

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