MAY 2025 **P/ID 16306/PIT2E**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. What is multithreading?
2. State the need of constructor.
3. List the access specifiers in Java.
4. Define inheritance.
5. Distinguish throw and throws.
6. What is deadlock?
7. What is the use of sleep( )?
8. Write any two classes under java.util.
9. What is an applet?
10. What is MAC address?
11. What is the need of URL?
12. List the servlet life cycle methods.

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions.

13. Explain method overloading with an example.

14. Discuss multilevel inheritance in detail.

15. State the need of interface and explain with an example.

16. Discuss package with example.

17. Write a program to write a character on to a file and read the same from the file.

18. Write short notes on IP addresses and its types.

19. Explain the architectural role for servlets.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Elucidate in detail, the control statements in Java.

21. Elaborate exception handling mechanisms with an example.

22. Discuss any five string buffer methods with an example.

23. Elaborate how menus are created using AWT controls.

24. Explain about the classes and interfaces under Javax.Sevlet package.

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