DECEMBER 2023 **P/ID 16306/PIT2E**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. Write the functionality of JVM.
2. What is the usage of static keyword?
3. Define constructors.
4. State the need of an interface.
5. Write short notes on finally block.
6. Distinguish “notify” and “notify all” methods.
7. Write any two I/O stream classes.
8. What is StringBuffer class?
9. What are the two ways to run the applet?
10. Define datagram.
11. State the need of socket.
12. What is web.xml?

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions.

13. Elaborate multilevel inheritance with an example.

14. How are exceptions handled in Java? Explain with an example.

15. Explain package with example.

16. Elaborate applet with an example.

17. Explain four types of containers in java AWT.

18. Discuss servlet life cycle in detail.

19. Explain overloading method in brief with an example.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Elaborate the uses of super keyword with an example.

21. Define multithreading. Elaborate how threads are created with an example.

22. Write the functionalities of any five stringbuffer methods with an example.

23. Explain JDBC concept with an example.

24. Elaborate HTML to servlet communication with an example.

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