

NOVEMBER 2024

53601/126C2A/
127C2A/225C3A

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. Define: "Static Data".
2. What is general form of import statement?
3. Write a note on Java buzzwords.
4. What do you mean by inheritance?
5. State the rules for naming classes in Java.
6. What is method overriding?
7. Mention the general form of package statement.
8. What are the usages of final keyword?
9. Show the purpose of Abstract Window Tool Kit.
10. Comment on garbage collection.

11. What is JScrollPane control?

12. Define the term "Adapter Classes".

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. Describe the type conversion and casting with example.

14. Explain the string and string buffer classes.

15. Distinguish between the method overloading and method overriding.

16. Summarize the try and catch statement with example program.

17. How will you create own exception classes in Java? Give example.

18. What are the difference between JButton and JToggleButton? Explain.

19. Elaborate the purpose of Java utility package.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Illustrate the different types of if statements available in Java

21. Discuss the various forms of implementing interfaces with example.

22. Outline the exception handling mechanism can be used in a java program.

23. Evaluate the hierarchy of swing components.

24. Write a java program to count the number of vowels in the given string.