

FOR THE CANDIDATES ADMITTED

25UCS204

DURING THE ACADEMIC YEAR 2025 ONLY)

REG.NO. :

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI

END-OF-SEMESTER EXAMINATIONS : MAY-2026

BSC COMPUTER SCIENCE(AIDED &SF)

MAXIMUM MARKS: 75

SEMESTER-II

TIME : 3 HOURS

PART-III

25UCS204-JAVA PROGRAMMING

SECTION – A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

(K1)

1. Java is a _____ language.
a) Platform independent b) Platform dependent
c) Object d) Assembly
2. Which keyword is used to declare interface?
a) class b) interface c) abstract d) None
3. What method runs whenever the applet becomes visible?
a) stop () b) start() c) paint() d) destroy()
4. AWT stands for _____.
a) Abstract Window ToolKit b) Abstact Window Tool
c) Alpha window Tool d) Abstract Wide Tools
5. Which is used to perform all input & output operations in Java.
a) streams
b) Variables
c) classes
d) Methods

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES

(K2)

6. Define Constant.
7. What is an Object?
8. What is an Exception?
9. Define Networking.
10. What is a Stream?

SECTION – B

(5 X 5 = 25 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

(K3)

11. a) Interpret the Data types in Java.
(OR)
b) Describe the Switch Statement with example.
12. a) Examine the one Dimensional Array in Java.
(OR)
b) Summarize the Packages with example.

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(CONT...2)

13. a) How to create and execute Applet? Explain.

(OR)

- b) Discuss the Passing Parameters to Applets.

14. a) Describe the Event Handling in Java.

(OR)

- b) Examine the JDBC with example.

15. a) Describe the Stream Classes with example.

(OR)

- b) Explain the file I/O Exceptions.

SECTION – C

(5 X 8 = 40 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

(K4 (Or) K5)

16. a) Interpret the Operators in Java.

(OR)

- b) Discuss the Decision Making and Looping with syntax.

17. a) Demonstrate the various forms of implementing interfaces with example.

(OR)

- b) How to create and synchronize the Multithread? Explain.

18. a) Interpret the Managing Errors and Exceptions in Java.

(OR)

- b) Sketch the Applet Life Cycle in detail.

19. a) Discuss in detail String Handling with suitable example.

(OR)

- b) Justify any five AWT Controls in Java.

20. a) Distinguish between Byte and Character Stream Classes.

(OR)

- b) Summarize the File Handling functions in Java.

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