(FOR THE CANDIDATES ADMITTED

DURING THE ACADEMIC YEAR 2024-25 ONLY)

24UDA204

REG.NO. :

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI
END-OF-SEMESTER EXAMINATIONS : MAY 2025

BSC CS WITH DA(SF)　　　　　　　　**MAXIMUM MARKS: 75**

SEMESTER-II　　　　　　　　　　　**TIME : 3 HOURS**

PART - III
24UDA204 – JAVA PROGRAMMING
SECTION – A　　　　**(10 X 1 = 10 MARKS)**

ANSWER THE FOLLOWING QUESTIONS.　　　　　　　　**(K1)**

1. Java is a Successor to which programming language?
   a) B　b) C　c) C++　d) D
2. Which of these is selection statements in Java?
   a) break　b) continue　c) for()　d) if()
3. Which of these operators is used to allocate memory to array variable in Java?
   a) malloc　b) alloc　c) new　d) new malloc
4. What type of Java Programs can be run inside a Java supported Web Browser?
   a) Stand alone　b) Struts　c) Applets　d) AWT
5. Which of these values is returned by read() method is end of file (EOF) is encountered?
   a) 0　b) 1　c) -1　d) Null

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES　　　　**(K2)**

6. Write any two basic concepts of OOPs.

7. What do you mean by constant?

8. How do you create a package in Java?

9. Define Exceptions?

10. List the types of stream classes.

SECTION – B　　　　**(5 X 5 = 25 MARKS)**

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K3)

11.　a)　List the benefits and Applications of OOPs concept.
　　　　　　(OR)
　　b)　Write a note on Java Evolution

12.　a)　Summarize the various data types in JAVA
　　　　　　(OR)
　　b)　Implicate Decision making statement in JAVA.

13.　a)　Clarify Arrays and its types in JAVA.
　　　　　　(OR)
　　b)　Elucidate String handling operations in JAVA

(CONT…2)

Ethical paper

14. a) Interpret on Types of Errors in JAVA
(OR)
b) Write a short note on Graphics Programming in JAVA.

15. a) Infer the Byte stream classes available in JAVA.

(OR)
b) Discuss the Event handling in JAVA.

SECTION – C   (5 X 8 = 40 MARKS)
ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.(K4 (Or) K5)

16. a) Discuss Object Oriented Programming concepts.
(OR)
b) Explicate Java program Structures and Java Tokens

17. a) What are the looping statements in JAVA ? Explain.
(OR)
b) Summarize the various operators available in JAVA.

18. a) Elucidate Packages and interfaces in Java.

(OR)
b) Analyze the Multi threaded programming concept in JAVA.

19. a) Sketch the Applet Life cycle in JAVA
(OR)
b) Illustrate Try, Catch & Finally in Exception

20. a) Write a Java program to Read content into file using FileInput Stream.
(OR)
b) Illuminate AWT Controls in detail.

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