(FOR THE CANDIDATES ADMITTED

DURING THE ACADEMIC YEAR 2022 ONLY)   REG.NO. :

22UDA204

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI
END-OF-SEMESTER EXAMINATIONS : May 2023
B.Sc. – COMPUTER SCIENCE WITH
          DATA ANALYTICS   **MAXIMUM MARKS: 50**
II SEMESTER   **TIME : 3 HOURS**

PART - III
OBJECT OREINTED PROGRAMMING WITH JAVA

SECTION – A (10 X 1 = 10 MARKS)
ANSWER THE FOLLOWING QUESTIONS.

1. Number of primitive data types in Java are -------

   a) 6   b) 7   c) 8   d) 9

2. Which of the following is not a Java features?

   a) Dynamic   b)Architecture Neutral   c) Use of Pointers   d) Object-Oriented

3. Which of these are selection statements in Java?

   a) if ()   b) for( )   c) continue   d) break

4. The method which is used to run a java Thread is ------------

   a) start ()   b) run()   c) notify()   d) go()

5. Which of these is a type of stream in Java?

   a) Integer stream   b) Short stream   c) Byte stream   d) Long stream

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES   **(K2)**
(Qn. No. 6 - 10)

6. Who invented Java Programming?

7. Which loop will execute the body of loop even when condition controlling the loop is

    initially false?

8. list the keywords be used to inherit a class.

9. Which function is called to display the output of an applet?

10. What does AWT stand for?

SECTION – B (5 X 3 = 15 MARKS)
ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.
(K3)

11.   a) List the features java Programming
                                         (OR)
        b) Describe Java Tokens

12.   a) Write short notes on variables in Java.

                                         (OR)
        b) Sketch Switch case Statement in java.

13.   a) State the syntax for declaring an arrays in java.
                                         (OR)
        b) Write a short note on packages

14.   a) Interpret syntax of Exception Handling
                                         (OR)
        b) Write an applet program to draw arcs.

15.   a) Describe concepts of streams
                                         (OR)
        b) Show how primitive data types are handled in java

SECTION – C (5 X 5 = 25 MARKS)
ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.
(K4 (Or) K5)

16.   a) Summarize basic concepts of Object-Oriented Programming
                                         (OR)
        b) Discuss how Java differs from C and C++

17.   a) Explain If, If else, Nested if **statements in java**
                                         (OR)
        b) Criticize Jumps in loops with example.

18.   a) Analyze Applet life cycle
                                         (OR)
        b) Outline Graphics class

19.   a) Explain Interfaces in java with an example program
                                         (OR)
        b) Examine Multithreaded programming with example code.

20.   a) Categorize Byte stream classes
                                         (OR)
        b) Discuss the Random Access File process.

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