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

END-OF-SEMESTER EXAMINATIONS : JULY – 2022

B.Com.-E-Commerce **MAXIMUM MARKS: 75**

SEMESTER: VI **TIME : 3 HOURS**

PART - III

JAVA PROGRAMMING

SECTION-A [10X 1=10 MARKS]

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

MULTIPLE CHOICE QUESTIONS.

1. Who invented Java Programming?
    a) Guido van Rossum   b) James Gosling
    c) Dennis Ritchie   d) Bjarne Stroustrup
2. Which component is used to compile, debug and execute the java programs?
    a) JRE   b) JIT
    c) JDK   d) JVM
3. What is the extension of java code files?
    a) .js   b) .txt   c) .class   d) .java
4. Which of the following is not an OOPS concept in Java?
    a) Polymorphism   b) Inheritance
    c) Compilation   d) Encapsulation
5. Which exception is thrown when java is out of memory?
    a) MemoryError   b) OutOfMemoryError
    c) MemoryOutOfBoundsException   d) MemoryFullException

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES

6. List out some of the java statements.
7. What is the use of creating class in java?
8. Name two string functions used in java.
9. State some of the uses of multithreading.
10. How helpful applet is used in real-time?

SECTION – B   **[5 X 5=25 MARKS]**

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

(Qn. No. 11 to 15)10 questions (a & b) – 2 questions from each unit.   (K3)

11.   (a)   Demonstrate constants and variables in java.

(OR)

(b)   Illustrate relational operators in java.

12.   (a)   Interpret method overloading with an example.

(OR)

(b)   Show the significance of protected class in java with an example.

13.   (a)   Use multi - dimensional array and present the output with a chart.

(OR)

(b)   Show how to create, access and using a package in java.

14.   (a)   Interpret life cycle of a thread with neat sketch.

(OR)

(b)   Illustrate exception handling in java with example.

15.   (a)   Demonstrate applet lifecycle with an example.

(OR)

(b)   Dramatize getting input from user in java programming language.

SECTION – C   **[4X10=40 MARKS]**

ANSWER ANY FOUR OUT OF SIX QUESTIONS.

[16th QUESTION IS COMPULSORY AND ANSWER ANY THREE QUESTIONS

Q.NO 17 TO 21]

16.   Compare bitwise and special operators in java.

17.   Categorize command line arguments in java

18.   Infer constructor usage in java

19.   Distinguish buffer class and string buffer class with neat examples in java

20.   Analyze stopping and blocking thread

21.   Experiment how to build applet code and show its execution with a suitable example

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