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4th Sem. / Comp
Subject : Object Oriented Programming Using Java

Time : 3 Hrs. M.M. : 100

SECTION-A

Note: Multiple choice Questions. All Questions are compulsory. (10x1=10)

- Q.1 Which of the following is not a java feature?
a) Dynamic b) Architecture neutral
c) Use of Pointers d) Object oriented
- Q.2 Java Language was initially called as
a) C++ b) Oak
c) Pine d) C#
- Q.3 Which of the following is a method having same name as that of its class?
a) Finalize b) Delete
c) Class d) Constructor
- Q.4 || and && are _____ operator?
a) Logical b) Relational
c) Arithematic d) Bitwise

- Q.5 An Array Index start with?
a) -1 b) 1
c) 0 d) 2
- Q.6 Type of Integers are
a) Short b) Int
c) Long d) All of these
- Q.7 Java programs are converted into machine language with the help of
a) An Interpreter
b) A compiler
c) An Interpreter & A Compiler
d) None of these
- Q.8 Which keyword is used to create an object of a class is java.
a) Create b) New
c) Object d) Instance
- Q.9 Java does not directly implement following type of inheritance
a) Hierarchical Inheritance b) Multiple Inheritance
c) Multilevel Inheritance d) None of the above
- Q.10 Which keyword is used to add a package in java program?
a) Include b) Import
c) add d) try

SECTION-B

Note: Objective type questions. All questions are compulsory. **(10x1=10)**

- Q.11 Full form of JVM is ____.
- Q.12 >= is a _____ operator. (Relational/Logical)
- Q.13 Java was developed by _____.
- Q.14 The symbol used to assign a value to a variable is _____. (-> or =)
- Q.15 Object is an instance of class. (True/False)
- Q.16 Binary operator has ____ operands.
- Q.17 For loop is used for iteration. (True/False)
- Q.18 If-self statement is used for decision making. (True/False)
- Q.19 Array elements are stored in ____ memory locations (Sequential/ Random)
- Q.20 Keywords are also called reserved words. (True/False)

SECTION-C

Note: Short answer type Questions. Attempt any twelve questions out of fifteen Questions. **(12x5=60)**

- Q.21 Why is Java called an object oriented programming Language?
- Q.22 Define the keywords: try, throw, catch and finally?
- Q.23 Explain for loop and while loop with example.
- Q.24 What is the difference between a base class and derived class?

- Q.25 What is Array? Describe different types of arrays in Java.
- Q.26 Explain various forms of IF statement.
- Q.27 Write short note on constructors.
- Q.28 Differentiate between Method overloading and Method overriding.
- Q.29 What do you mean by relational operators in Java? Explain with examples.
- Q.30 Explain Polymorphism in Java.
- Q.31 Write the structure of a Java program.
- Q.32 What do you mean by Exception? How exceptions are handled in Java?
- Q.33 Describe basic concepts of OOPS.
- Q.34 How multiple inheritances can be achieved in Java?
- Q.35 Write short note on history of Java Programming.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three Questions. **(2x10=20)**

- Q.36 Define Inheritance. Explain various types of inheritance used in Java with examples.
- Q.37 What do you mean by loop constructs in Java. Explain various loop constructs used in Java with example.
- Q.38 Explain different data types used in Java.