

No. of Printed Pages : 4

180841/170841

Roll No.

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) Arithmetic d) Bitwise

Q5. 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.