

Q.27 How to declare one dimensional array in Java? Give example.

Q.28 Give difference between C and JAVA

Q.29 Explain exception handling with an example.

Q.30 Describe different stages in the life cycle of an applet.

Q.31 Define interface. How it is implemented in Java.

Q.32 Discuss class in Java? Explain with suitable example

Q.33 Discuss various access specifiers.

Q.34 Discuss comment meaning, its uses and various types of comments in JAVA.

O.35 Give difference between throw and throws.

SECTION-D

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

Q.36 Explain Various object oriented programming concepts.

Q.37 Explain various loops available in JAVA with examples.

Q.38 Define Inheritance. Name its various types. Write a program to implement Single Inheritance.

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6th Sem / Comp, IT
Subject:- Programming in Java

Time : 3Hrs.

M.M. : 100

SECTION-A

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

Q.1 _____ keyword used to inherit base class to derived class

- a) Inherit
 - b) Extends
 - c) Super
 - d) Non

O.2 invented Java.

- a) Denis Ritchie b) James Gosling
c) Charles Babage d) Ken Thompson

Q.3 _____ statement is used to exit from a loop abnormally

- a) Break
 - b) if
 - c) continue
 - d) Exit loop

Q.4 In Java code, the line that begins with `/ *` and ends with `*/` is known as

- a) Multiline comment
 - b) Single line comment
 - c) Both A & B
 - d) None of these

- Q.5 Java supports multiple catch blocks with one try block (True/False)
- Q.6 The wrapping up of data and functions into a single unit is called.
- a) Abstraction
 - b) Encapsulation
 - c) Data Hiding
 - d) Polymorphism
- Q.7 ++ is a _____ operator
- a) Arithmetic
 - b) Unary
 - c) Conditional
 - d) Logical
- Q.8 The purpose of the "super" keywords in Java is
- a) To refer to the current object
 - b) To invoke the superclass constructor or methods
 - c) To create multiple instances of a class
 - d) To hide data and methods within a class
- Q.9 _____ exception is thrown when java is out of memory.
- a) Memory Error
 - b) Out of Memory Error
 - c) Memory Out of Bounds Exception
 - d) Memory Full Exception
- Q.10 _____ of the following is not an oops concept in Java
- a) Inheritance
 - b) Debugging
 - c) Polymorphism
 - d) Encapsulation

SECTION-B

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

- Q.11 Define Exception.
- Q.12 Define Thread.
- Q.13 Expand JDK
- Q.14 What is Garbage collection?
- Q.15 Define Applet.
- Q.16 JVM stands for _____
- Q.17 In which year JAVA was developed.
- Q.18 JAVA is both complied and _____
- Q.19 Expand API.
- Q.20 Which operator is used to create object in JAVA? ^{120863/030865D/0314(54)}

SECTION-C

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

- Q.21 Discuss arithmetic operators in Java.
- Q.22 Write a program in JAVA to find the given number is even or odd.
- Q.23 Explain java program structure.
- Q.24 How we can add an applet to an HTML file.
- Q.25 Explain various features of java.
- Q.26 Explain method overloading.