

- Q.26 Differentiate between throw and throws.
 - Q.27 Differentiate between Java applets and Java applications.
 - Q.28 Discuss in brief implementation of multiple inheritance through interface.
 - Q.29 Write a short note on Java Virtual Machine.
 - Q.30 Write a short note on declaration of array in Java.
 - Q.31 Write a short note on method overloading.
 - Q.32 Discuss about managing input-output stream.
 - Q.33 Give the syntax of switch statement. Also explain with example.
 - Q.34 Write a short note on building application with JDK.
 - Q.35 Discuss about creating and running a thread.

SECTION-D

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

- Q.36 Write a program in Java to find whether the given number is prime or not. Use a constructor.

Q.37 Explain various features of Java in detail.

Q.38 Discuss different types of if statements with example.

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6th Sem / Branch : Comp. IT Sub.: Programming in Java

Time : 3Hrs. M.M. : 100

SECTION-A

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

- Q.1 Properties are implemented using _____ in Java.

 - a) Methods
 - b) Variables
 - c) Interfaces
 - d) All of above

Q.2 Which one of the following is now a Java feature?

 - a) Object-oriented
 - b) Use of pointers
 - c) Portable
 - d) Dynamic & Extensible

Q.3 Which one of the following is Equality operator in Java?

 - a) \geq
 - b) \leq
 - c) \neq
 - d) \oplus

Q.4 Which statement is true about Java?

 - a) Java is sequence-dependent programming language
 - b) Java is code dependent programming language.
 - c) Java is a platform-dependent programming language
 - d) Java is a platform - independent programming language.

- Q.5 Which of the following is not an OOPS concept in Java?
a) Polymorphism b) Inheritance
c) Compilation d) Encapsulation
- Q.6 Which one of the following is not an access modifier?
a) Protected b) Void
c) Public d) Private
- Q.7 Which of the following is not a decision making statement?
a) If b) If-else
c) Switch d) Do-While
- Q.8 Name of a Class, Variable, Method or an Interface in Java language is called?
a) Argument b) Value
c) Identifier d) None of the above
- Q.9 Creating an object from a class is also called _____.
a) Initializing b) Instantiating
c) Interfacing d) None of the above
- Q.10 A Java class can contain _____.
a) Variables
b) Methods, Constructors
c) Inner Classes (A class inside another class)
d) All the above

SECTION-B

- Note:** Objective type questions. All questions are compulsory. (10x1=10)
- Q.11 What do you mean by keyword 'This'?
Q.12 Define encapsulation?
Q.13 Use of increment operator is _____.
Q.14 What is meant by byte code.
Q.15 Define exception.
Q.16 Give name on one procedural language.
Q.17 Mention one limitation of Java applet.
Q.18 How many catch block can we use with one try block.
Q.19 What is meant by constructor.
Q.20 What is the major difference between interface and classes.

SECTION-C

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21 Differentiate between C and C++.
Q.22 state differences between JAVA and C++.
Q.23 Write a short note on try-catch.
Q.24 Explain applet capabilities in brief.
Q.25 Write a program in Java to print factorial of a number.