

Instructions:

Read the question paper carefully. Write neatly and legibly. Do not over write. Pay special attention to spelling. Read the answers before submitting the answer sheet.

SECTION A (2 Marks)

Attempt all questions

I. Choose the correct answers

[2]

- Which of the following prints some text on the monitor (in context of java)?
 - print
 - println
 - System.out.println("...")
 - all of above
- Which of the following is not a valid comment?
 - /**comment*/
 - /*comment*/
 - /*comment
 - //comment
- A blueprint that represents characteristics and behaviour of a group of entities is called ___.
 - object
 - abstraction
 - class
 - polymorphism
- Which of the following is the reason of Java programs' platform independence?
 - java compiler
 - java virtual machine
 - java byte code
 - all of above

II. Fill in the blanks

[2]

- ___ is known as object factory.
- Object interacts with one another through ___.
- The machine language for JVM is called ___.
- Exposing only essential features while hiding unnecessary details is ___.

III. Choose the odd one

[2]

- (a) void (b) public (c) class (d) false
- (a) abstraction (b) Encapsulation (c) Object (d) Polymorphism
- (a) println (b) System.out (c) (".....") (d) void
- (a) class (b) int (c) double (d) String

IV. Identify the error (if any) and rectify the following given statements

[2]

1. public Void MyClassTest()
2. System.Out.println("Thank You");
3. public class public
4. public void compute()

V. Answer the following questions

[4]

1. Differentiate between Base class and derived class.
2. What are methods? How are these related to object ?
3. What do you know about BlueJ?
4. What do you understand by procedural programming paradigm?

SECTION B (8 Marks)

Attempt any two questions from this Section

- VI. Write a java program to find the perimeter of a triangle with sides 12cm, 16 cm and 17cm.
- VII. Write a program to print details about i.e., your name and age using variables.
- VIII. Write a java program to print "Hello World"