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Roll No. ....

220844

**4th Sem / Computer, Computer  
(For Speech and Hearing Impaired)**

**Subject : Object Oriented Programming Using Java**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Who is known as father of Java Programming Language?

- a) James Gosling      b) M.P. Java
- c) Charel Babbage      d) Blais Pascal

Q.2 Which of the following is not a valid Java class name

- a) 123 abc      b) myclass
- c) first class      d) student

Q.3 Which of the following is not a Java keyword

- a) try      b) switch
- c) obj      d) class

Q.4 JDK stands for

- a) just development kit
- b) Java development kit
- c) Java develop knowledge
- d) Java debugger kit

Q.5 Decrement operator, --, decrease value of variable by what number

- a) 2      b) 3
- c) 0      d) 1

Q.6 <= is a \_\_\_\_\_ operator

- a) Arithmetic      b) Unary
- c) Relational      d) Logical

**SECTION-B**

**Note:** Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Define Constant

Q.8 Expand JVM

Q.9 Which company developed Java

Q.10 Define Base Class

Q.11 How single line comments are written in Java.

Q.12 Define Byte Code.

### SECTION-C

**Note:** Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Explain various data types available in Java.
- Q.14 Explain Java Program Structure
- Q.15 Explain arithmetic & Relational Operators used in JAVA.
- Q.16 Explain constructor overloading with example.
- Q.17 Define Inheritance . Explain in brief its types.
- Q.18 Write a short note on Abstract Class
- Q.19 Explain how input is given using Scanner Class
- Q.20 Define Exception. Explain the use of try & catch block with example.
- Q.21 Explain if statement
- Q.22 Difference between OOPS & POP

### SECTION-D

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Explain various loops available in JAVA.
- Q.24 Explain the concept of Single Inheritance with example.
- Q.25 Explain Object Oriented Programming Concepts in detail.