

**Roll No.**

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**Total No. of Pages : 02**

**Total No. of Questions : 09**

## **B.Voc.(Hardware and Networking) (Sem.-2)**

# PROGRAMMING IN JAVA

**Subject Code : BVHN-202**

**M.Code : 76312**

**Date of Examination : 24-12-2022**

**Time : 3 Hrs.**

**Max. Marks : 60**

### INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

## SECTION-A

**1) Write briefly :**

- a) What is the name of the tool that is used for compiling a Java program?
- b) What are literals in Java?
- c) What is class in Java?
- d) What is method overriding?
- e) What is garbage collection? Explain.
- f) Define multithreading.
- g) How strings are compared in Java? Explain.
- h) What are applets?
- i) What is String object?
- j) Explain the Random Access File Class.

## **SECTION-B**

- 2) Why Java considered a preferred programming language for the Internet? Explain.
- 3) Write a program to implement Money class. This class should have fields for initializing a rupee and paisa value. The paisa value will be in the range from 0-99 with the paisa being the same sign as that of rupees. The class should have all reasonable constructors, addition and subtraction methods, and a main() method that provides a thorough test of all the methods in the class.
- 4) How do you create and access packages in Java? Explain with the help of a program.
- 5) Differentiate between String and String Buffer Class.
- 6) Describe the complete life cycle of an applet.

## **SECTION-C**

- 7) What is thread priority? How can it be set for a thread? Explain with the help of a program.
- 8) What do you mean by constructors? How constructors are overloaded in Java. Explain with the help of a program.
- 9) How multiple inheritance is achieved in Java? Explain in detail.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**