

P. P. Memorial Academy

Unit V (Offline)

Class – VIII

Subject: Computer

Session: 2021 – 2022

Time: 40 minutes

Full Marks: 30

Name: _____

Class: _____ Section: _____ Roll: _____

Instructions:

- Write your answers on this question paper only.
- Question paper is divided into three parts. **Part A** is for MCQs' and **Part B** is for Questions and Answers and **Part C** is for Java programming.
- Read the question paper and all the instruction very carefully before answering the questions.
- All the questions are mandatory.
- Tick the correct option. Do not tick more than one option in a single question.
- Don't need to copy any the question.

PART A: Multiple Choice Questions:

1 x 10 = 10

1. Java can be used:

- a. For online
- b. For offline
- c. All of the above
- d. None of the above

2. Which of the following is not a token in java?

- a. Identifier
- b. Value
- c. Keyword
- d. Operator

3. "Java doesn't have an exponent operator" – the statement is:

- a. True
- b. False

4. The data types which are independent of any other type, are known as

- a. Primary data type
- b. Primitive data type
- c. Basic data type
- d. Original data type

5. "Java Application is used for the standalone program whereas Java Applets are used in HTML" – in this statement:

1

- a. The first part is true
- b. The second part is true
- c. The whole statement is false
- d. The whole statement is true

6. Program that written in Java is known as the:

1

- a. Object code
- b. Machine code
- c. Byte code
- d. Source code

7. "If condition either can be TRUE or FALSE" – the statement is:

- a. True
- b. False

8. Writing an 'if' condition inside an 'if' condition is known as:

- a. Nesting
- b. Blocking
- c. Indenting
- d. None of these

9. The class in java is known as:

- a. Class factory
- b. Object Factory
- c. Instance of function
- d. None of the above

10. An object in java carries all the characteristics of a _____

- a. Method
- b. Function
- c. Class
- d. Instruction

PART B: Write the following programs in Java (ANY TWO)

2 x 10 = 20

1. Write a program to find out if a person is eligible for vote?

Hints: If the age of the person is more than or equal to 18 years then he/she is eligible for vote/

2. Write a program to find out if an item is expensive or inexpensive or affordable?

Hints: If the cost of the item is more than ₹ 10,000 then it is "expensive", if it is more than ₹ 5,000 and less than ₹ 10,000 then it is "affordable" and if it is less than ₹ 5,000 then it is "inexpensive".

3. Write a program to calculate either the Area of a Square or Area of a Rectangle depending on the user's input using the switch case.

Hints:

Input:

Enter 1 for Square 2 for Rectangle

1

Enter the side of the Square: 5

Output:

The area of the Square: 25