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CBSE Sample Paper Class 10 Computer Application 2022-23

Subject: Computer Application Class: 10 Maximum Marks: 50 Duration: 2.5 hours

Section A: Multiple Choice Questions (15 marks)

1. Which of the following is an example of a programming language? a) Microsoft Word b) HTML c) Photoshop

2. What is the purpose of a compiler? a) Executes the program b) Translates the program into machine code c) Edits the program

3. What is a database? a) A collection of web pages b) A collection of related data c) A collection of programming instructions

4. Which of the following is used to create dynamic web pages? a) HTML b) CSS c) JavaScript

Section B: Short Answer Questions (20 marks)

5. Explain the difference between a compiler and an interpreter.

6. Define an array in programming and explain its use.

7. Explain the concept of inheritance in object-oriented programming.

8. Write the steps to create a form in HTML to collect user input.

Section C: Practical Questions (15 marks)

9. Write a program in any programming language to calculate the factorial of a given number.

10. Create a web page using HTML, CSS, and JavaScript to display a simple calculator that can perform addition, subtraction, multiplication, and division.