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CBSE Sample Paper Class 11 Computer Application 2020-21

Subject: Computer Application Class: 11 Maximum Marks: 70 Duration: 3 hours

Section A: Multiple Choice Questions (20 marks)

1. Which of the following is a markup language used for creating web pages? a) Java b) HTML c) Python

2. What is the purpose of an IDE? a) Creating databases b) Editing images c) Writing and testing programs

3. Which of the following is an example of a relational database management system? a) Microsoft Word b) Adobe Photoshop c) MySQL

4. What is the function of an operating system? a) Executes programs b) Manages hardware resources c) Creates documents

Section B: Short Answer Questions (30 marks)

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

6. Define a function in programming and explain its importance.

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

8. Write the steps to create a table in a database using a DBMS software.

Section C: Practical Questions (20 marks)

9. Write a program in any programming language to calculate the sum of the first n natural numbers.

10. Design a web page using HTML and CSS to display information about a fictional company. Include headings, paragraphs, images, and formatting.