



# Nishant eAcademy

## CBSE Sample Paper Class 10 Computer Application 2020-21

Subject: Computer Application Class: 10 Maximum Marks: 60 Duration: 2.5 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 a function in programming? a) To perform a specific task b) To store data c) To create a loop
3. Which of the following is used to store a collection of data in programming? a) Array b) Database c) Variable
4. What is the role of an operating system in a computer? a) Manages hardware resources b) Displays web pages c) Edits images

### Section B: Short Answer Questions (25 marks)

5. Explain the difference between a compiler and an interpreter.
6. What is object-oriented programming? Give an example of an object-oriented programming language.
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 SQL.

### Section C: Practical Questions (15 marks)

9. Write a program in any programming language to find the factorial of a given number.
10. Create a web page using HTML and CSS to display information about your favorite hobby. Include headings, paragraphs, and formatting.