Nishant eAcademy
CBSE Sample Paper Class 11 Computer Application 2019-20

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

Section A: Multiple Choice Questions (20 marks)

1. Which of the following is an example of a low-level programming language? a) Python b) C++ c) Machine code

2. What is the purpose of a database management system (DBMS)? a) Create presentations b) Manage data efficiently c) Edit images

3. Which of the following is an example of an integrated development environment (IDE)? a) Microsoft Word b) Notepad++ c) Adobe Photoshop

4. What is the function of a linker in the context of programming? a) Executes the program b) Translates the program into machine code c) Combines multiple object files into an executable file

Section B: Short Answer Questions (30 marks)

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

6. Define a class and an object in object-oriented programming.

7. Explain the concept of inheritance with an example.

8. Write the steps to create a table in a database using a database management system.

Section C: Practical Questions (20 marks)

9. Write a program in any programming language to find the factorial of a given number using recursion.

10. Design a web page using HTML and CSS to create a personal portfolio. Include sections for introduction, skills, projects, and contact information.