



Nishant eAcademy

CBSE Sample Paper Class 12 Computer Application 2019-20

Subject: Computer Application Class: 12 Maximum Marks: 70 Duration: 3 hours

Section A: Multiple Choice Questions (20 marks)

1. Which of the following is an example of a high-level programming language? a) Assembly language b) Java c) Machine code
2. What is the purpose of a database management system (DBMS)? a) Create spreadsheets b) Manage and organize data efficiently c) Edit images
3. Which of the following is an example of an object-oriented programming language? a) SQL b) PHP c) C
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 procedural programming and object-oriented programming.
6. Define the concept of data encapsulation in object-oriented programming.
7. Explain the concept of polymorphism with an example.
8. Write the steps to create a form in a web development framework like Django.

Section C: Practical Questions (20 marks)

9. Write a program in any programming language to implement a stack data structure using an array.
10. Design a web application using a web development framework of your choice to create a simple todo list. Include features to add, edit, and delete tasks.