



Nishant eAcademy

CBSE Sample Paper Class 12 Computer Application 2023-24

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) Machine code b) Assembly language c) Java
2. What is the purpose of a database management system (DBMS)? a) Create presentations b) Manage and organize data c) Edit images
3. Which of the following is an example of an integrated development environment (IDE)? a) Microsoft Word b) Visual Studio Code c) Adobe Photoshop
4. What is the purpose 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 concept of polymorphism in object-oriented programming.
6. Define a primary key and a foreign key in the context of databases.
7. Explain the concept of exception handling in programming.
8. Write the steps to create a form in a web development framework.

Section C: Practical Questions (20 marks)

9. Write a program in any programming language to implement a binary search algorithm.
10. Design a web application using any web development framework to create a blog platform. Include features for user registration, writing blog posts, and commenting on posts.