

OOP Question Bank

Sr No	co	bl	Question	M
1	co3	1	State any two forms of inheritance. Give an example of each.	2
2	co3	1	Define concept of virtual base class.	2
3	co3	1	State syntax to define a derived class	2
4	co3	1	Define concept of abstract class.	2
5	co3	3	Demonstrate hybrid inheritance with the help of suitable example.	4
6	co3	2	State the reason for making a class virtual with the help of example	4
7	co3	3	Write a C++ program to declare a class 'College' with data members as name and	4
8	co4	1	Define polymorphism. List types of polymorphism.	2
9	co4	1	State a C++ program to swap two numbers using pointer	2
10	co4	1	State any one use of this pointer with suitable example.	2
11	co4	1	State rules for virtual function.	2
12	co4	3	Write a C++ program to overload area() function to calculate area of shapes like triangle	4
13	co4	2	With suitable example, describe effect of ++ and - - operators used with pointer in pointer	4
14	co4	3	Write a C++ program to overload binary operator '+' to concatenate two strings.	4
15	co5	3	Implement a C++ program to count number of spaces present in contents of file.	4
16	co5	3	Implement a C++ program to write 'Welcome to poly' in a file. Then read the data from file and display it on screen.	4
17	co5	2	Give syntax of and explain various functions related to ifstream and ofstream classes: seekp(), getline(), hide(), tail()	4
18	co5	2	List and explain use of any four file mode parameters	2
19	co5	2	Describe meaning of the following (i) ios :: in (ii) ios :: out	2