

Unit – I

Principles of Object Oriented Programming

1. *What is Data abstraction ?* [2]
2. *Define the following terms :*
 - 1) *Object*
 - 2) *Class* [2]
3. *Differentiate between POP and OOP. (any four points)* [4]
4. *Write a program to define a structure 'Tender' having data members Tender-no., cost and company-name. Accept & display this data for two variable of this structure.* [4]
5. *Describe any four basic concepts of OOP.* [4]
6. *State any four features of OOP* [4]
7. *Enlist the applications of OOP.*[4]
8. *Write any two characteristics of procedure oriented programming.* [2]
9. *What is the significance of scope resolution operator?* [2]
10. *Define a structure with it's syntax.* [2]
11. *List any four object oriented languages.* [2]
12. *Differentiate between OOP and POP* [4]
13. *Write any four features of object oriented programming.* [4]
14. *Differentiate between structure and class.* [4]
15. *state any four application of object oriented programming.* [2]
16. *Differentiate between OOP and POP.* [4]
17. *Explain structure of C++ program with example.* [4]
18. *Explain: (i)Scope resolution operator (ii)Memory management operator* [4]
19. *State any four features of object oriented programming.* [4]
20. *List two memory management operators available in C++ and state its use in one line.* [2]
21. *State any four applications of OOP.* [4]
22. *Describe syntax of 'cin' and 'cout' with example.* [4]
23. *With suitable diagram describe structure of C++ program.* [4]
24. *Define structure. Give syntax of defining structure.* [4]
25. *List any four features of POP.* [4]
26. *Write structure of C++ program.* [4]
27. *Differentiate between procedure oriented and object oriented programming languages.* [4]
28. *List applications of Oop's technology.* [4]
29. *State scope resolution operator and memory management operator in C++.* [4]
30. *Explain insertion and extraction operators.* [4]

31. Compare structure and class. [4]
32. List any four object oriented languages. [2]
33. State any four application of object oriented programming. [2]
34. Enlist any four concepts of OOP. [4]
35. What are the features of object oriented programming? [4]
36. In procedure oriented programming all data are shared by all functions Is this statement TRUE ? Justify your answer. [4]
37. Write a program to display largest element from entered array. [4]
38. Which are the input-output C++ ? Give suitable example. [2]
39. Differentiate between POP and OOP (4 points) [4]
40. Explain the structure of C++ program with suitable example. [4]
41. Explain scope resolution operator and memory management operator in C++. [4]
42. Write a program to insert an element at location of array. [4]
43. Give syntax and example of defining structure and declaring structure variables. [4]
44. What are the features of procedure oriented programming? [4]
45. What is use of scope resolution operator? [2]
46. What are the differences between structure and class? [4]
47. Write down characteristics of object oriented programming. [4]
48. Explain different operator used in C++. [4]
49. Explain the structure of C++ program. [4]
50. What is structure ? How user declare structure? Give example. [4]
51. What is difference between procedure oriented programming and object oriented programming? [4]