

## PCPF QBANK

1. What is Inheritance in OOP? Explain different types of Inheritance in OOP.
2. What is the role of an Exception Handler in a programming language? Briefly explain important tasks it performs.
3. Explain different storage allocation mechanisms.
4. Types of bindings in Programming Languages.
5. Compare Static Scoping vs. Dynamic Scoping
6. How to choose a programming language?
7. Explain the need of different programming paradigms.
8. What do you mean by Programming Paradigm? Explain with example the difference between declarative and imperative programming paradigm
9. Explain encapsulation. How does it differ from abstraction?
10. What is the role of an Exception Handler in a programming language? Briefly explain important tasks it performs(explain try,throw,catch in exception handling).
11. Explain Encapsulation and Abstraction with suitable examples from C++ or Java
12. What are different programming paradigms? Give one example of each.
13. Discuss parameter passing in subroutine or explain Call by value vs Call by reference with example code in C or C++.
14. Explain static allocation method with example.
15. Explain stack allocation method with example.
16. Explain heap allocation method with example.
17. What are constructor and destructor? Explain with example.
18. Explain different types of constructor with example.
19. Explain class,object with example.