



**Q.3. Answer the following. (Solve any 5) (10)**

1. Give features of object oriented programming.
2. What is file?
3. Give difference between C and C++
4. What is pure virtual function?
5. What is destructor?
6. Give Characteristics of constructor.

**Q. 4. Answer the following in detail. (Solve any 6) (30)**

1. What is friend function? Explain with example
2. Explain “Access Specifiers” in details?
3. What are streams? What are the stream classes? Explain its hierarchy?
4. What is inline function with proper example?
5. Explain function overloading with proper example.
6. What is exception? Explain throw, try and catch with example.
7. Explain ‘this’ pointer with example.

**Q. 5. Answer the following in detail. (Solve any 1) (10)**

1. Explain object oriented programming concept.
  2. What is Inheritance? Explain any two types of inheritance.
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