Questions

① Write the difference b/w nested classes & Inner classes with min 5 difference.

Nested class	Inner class
1. It is possible to define a class within another class; such classes are known as nested classes	1) The most important type of nested class is the Inner class.
2) A nested class has access to the members; including private members of the class in which it is nested	2) Inner class has access to all of the variables & methods of its outer class.
3) Nested classes are of two types: static & non-static	3) An Inner class is a non-static nested class.
4) The scope is bounded by the scope of its enclosing class	4) The scope is within the class outer

class Student {
  int no;
  String name :
    dob DOB;
}
class do b {
  int dd, mm, yy;
}.
	class student
	{
	  int no;
	  String name;
	  class dob {
	    int dd, mm, yy;
	  } DOB;

(2) List the Advantages of packages

① Same name of classes can be created
   • in multiple packages.

② Similar classes are grouped based on
   their concept

③ The accessing of classes becomes
   easy by importing the complete package
   at - a - time.

③ List any 10 classes (or interfaces of
   java. io package.

1) Console

2) File

3) Data Input stream

4) Data output " ".

5) File Reader

6) File writer

7) Buffered Reader;
   I/p stream

8) Buffered writer;
   o/p stream

9) File Input stream

10) File output stream