20-9-25

Java - Open book test

1Q) Write differences between nested class and inner classes with minimum 5 differences.

2Q) List the advantages of packages.

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

2Ans Advantages of packages

» Packages help to group classes with unique names.

» Easier to Maintain

» Provides Access Control

» Better Organization

» Provides Encapsulation.

3Ans 1. File   pg - 439

2. File Reader

3. Buffered Reader

4. FileNotFound Exception

5. IO Exception

6. File Writer

7. File Input stream

8. Data Input stream

9. Print Writer

10. Buffered Input stream.

Ans	Nested class	Inner class.
1.	A nested class is any class declared inside another class.	1. An inner class is a non-static nested class declared inside another class.
2.	It can be static or non-static	2. It is always non-static.
3.	A static nested class cannot access non-static members.	3. An inner class can access both static and non-static.
4.	Objects of can be created without an object of outer class	4. Objects require an object of the outer class.
5.	It is mainly used for grouping classes	5. It is mainly uses for encapsulation