Ques :

1. Write a differences between Nested classes & Inner classes (with min of 5 diff)

2. List the Advantages of packages &

3. List any 10 Interfaces/ classes ~~packages~~ of java . io packages .

Answers .

② : Advantages of using packages are listed below:

• They help in organizing classes Into units, that Packages

Ex := Just as a computer hard disk contains folders of directories to organize files & Applications .

• They reduce problems with conflicts In names. pAckages allow programmers to 'hide' classes so that conflicts can be avoided .

• packages provide protection to variables, methods and classes in finer ways that can be done on a class—by—class basis.

• Packages provides ~~pro to~~ Identify classes

• When proper naming conventions are adopted, package can be used to Identify the programmer/ organization .

• packages provides a high level Layer of access protection & name space management

| Packages— collection of classes | [Ref Page 126-127] → It can groupof relat class, Interpace sub packay |

B) Java.io

eval

Classes

1. Input Stream ⎫
2. Output Stream ⎭ operated on bytes for read & write.

3. Reader ⎫
4. Writer ⎭ operated on characters.

5. File class ⎫
6. Random Access File ⎭ handling i/p & o/p.

Interfaces

7. Print Stream

8. StringBuffer Input Stream

9. Sequence Input Stream

10. Buffer Input Stream

11. Buffer Output Stream

①