

## UNIT: 2 –Inheritance, Java Packages

---

### 1-mark

1. Java language support \_\_\_\_\_ type of inheritance.
2. The class that is being inherited or subclasses is called \_\_\_\_\_.
3. Which keyword must be used to inherit a class?
4. A class member declare protected becomes a member of subclass of which type?
5. Which type of class is not inherited in java?
6. How many argument passing in replace () function?
7. In Gregorian calendar class under java.util package in java? (yes/no)
8. int compareTo (String s2): how many type of return value?
9. Which package is import when we use random class?
10. What is package?
11. List out type of access specifies in java.

### 2-mark

12. Explain final class?
13. Explain abstract class?
14. Explain hash table.
15. Explain any four string function in java?
16. Why wrapper class is needed? Explain with example.
17. Explain access Specifiers with suitable example.
18. Explain nested class with example?

### 3-mark

19. What is inheritance? Explain with example.
20. Explain concept of user defined package in brief.
21. Explain random class with its method.
22. Write an application that illustrates method overriding in the different packages.

### 5-mark

23. Write a note on vector class with example.
24. Write math class with its method?
25. Write a java program to demonstrate multiple inheritances using interface.
26. Write a program to calculate area of circle, triangle using constructor.