

**Class Test II**  
**BE Computer Engineering Ilyear Section(A&B)**  
**CER3C2 Object Orientated Programming**

***All questions carry equal marks***

***Attempt any four questions***

1. Write a Java program to create a package for book details giving book name, author name, price and year of publishing. Write main method within another class which uses functionality of this package.
2. Write a program that reads a String interactively and does the following:
  - a. print them in order of their length
  - b. compare and print whether they are equal or not
  - c. Print the first word of each string
3. Differentiate between following:
  - a. String, StringBuilder and StringBuffer
  - b. this and super keyword.
4. Explain two real life application where we can apply and differentiate the concept of abstraction and encapsulation.
5. (A) What will happen if a class extends two interfaces and they both have a method with same name and signature?  
  
(B) Static Methods can be overloaded but can't be override. Justify.