**KGiSL INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**CS8392 – OOPS**

**Question Bank - 1**

**2 Marks**

* Define OOP
* What are the four principles of OOP?
* What is encapsulation?
* What is abstraction?
* Write a java program to compute BMI of a person.
* What is Constructor?
* Give a short note on static members of a class
* Write program to store and print odd numbers from 1 to 100 using arrays.
* Define packages in Java.
* Define Arrays.
* What are javadoc comments?

**5 Marks**

* Give a short note on principles of oops.
* Give a short description of characteristics of Java programming language
* Give a short note on operators supported by java.

**10 Marks**

* Describe about constructor and its type with proper examples.
* Describe about importance of packaging and procedures to create and use user defined packages in java.
* Explain about control flow in java.

**15 Marks**

* Write a java program that receives basic details of students [Name, RollNo, Three Subject Marks] and computes the following [Total and average] and displays appropriate grades.
* Write a java program that receives the employee details [Name, Empno, Basic Salary] from user and compute HRA, TA, GROSS SALARY and display.