

## Sub: BOOP (4320702)

### IMP Questions for GTU

- 1 List C++ data types and derived data types.
- 2 Write down an application of C++.
- 3 Explain class and object.
- 4 Write the important features of Object Oriented Programming.
- 5 Explain Reference Variable
- 6 Explain Scope Resolution operator with example.
- 7 Define Object with example.
- 8 Explain Function Prototyping with example.
- 9 Explain Call by Reference
- 10 Explain inline function
- 11 Explain Static Member Function with example.
- 12 Define a class Emp which include following data member and member Function.  
Data Member : 1) Emp\_no 2) Name of Employee 3) Name of department 4) Salary  
Member Function :  
To read a Employee Number, Name, Department and salary.  
To Display Employee Number, Name, Department and salary
- 13 Explain Function overloading with example.
- 14 Explain Default Argument with example.
- 15 Explain Parameterized Constructor with suitable example.
- 16 Explain Copy Constructor with example.
- 17 What is friend function with example.
- 18 Define Inheritance ? List the types of Inheritance and also draw the diagrams of it.
- 19 Write a simple C++ program that show the use of single Inheritance
- 20 What is Inheritance? Explain Multilevel inheritance with example
- 21 Explain 'this' pointer with example