**TYBSc PRACTICAL EXAMINATION SEMESTER V OCTOBER/NOVEMBER 2019**

**SUBJECT : OBJECT ORIENTED PROGRAMMING CSC 106**

**DURATION : 4 HOURS MARKS : 50**

**TIME : 10.00 AM TO 2.00 PM**

**Q1) Create a class having at least two constructors and two methods and overload any one method. Create another class for testing the functionality of the above class. 10 marks**

**Q2) ANSWER ANY TWO OUT OF THREE (2X[8+2]) = 20 marks)**

**Two marks for implementing exception handling in the below mentioned programs.**

1. **Create a parent class having two sub-classes and demonstrate method overriding. Create another class for testing the functionality of the above classes.**
2. **Create a class which implements an interface and extends an abstract class and overrides their functionality. Create another class for testing the functionality of the above classes.**
3. **Create a class named XYZ with at least two methods. Demonstrate the use of the generic class ArrayList by creating a list of XYZ objects and invoke at least one method.**

**Q3) Viva 10 marks**

**Q4) Journal 10 marks**