(a) Compare object oriented programming with procedure oriented programming.

(d) List the types of inheritances. Write a C++ program to implement single inheritance.

(b) Explain all the data types available in C++.

(c) Define copy constructor.

236 (A)

(e) Explain the use of if stream and of stream classes for file input and output. PART III 3. Explain the following concepts of object oriented programming in detail with an example (i) Data abstraction (ii) Inheritance (iii) Polymorphism (iv) Objects (4x3~12) OR State the important features of object oriented programming. 4. Explain all the looping statements available in C++. OR (3x4 = 12) Write Short Note on: (i) C++ tokens (ii) Jumping Statements (iii). Array (12) List out the rules for defining constructor with appropriate example. (12)Write a short note on access specifiers in C++. (12) 6. Write a C++ program to illustrate multiple inheritace. Explain with an example the order of invocation of constructors and destructors in multiple (12)inheritance. Define exception handling. Explain with example the use of try, catch and throw for exception (12)handling in C++. OR What is class template? Write the syntax for class template. Write an example program for class (12)template.