1.Write a C++ program to prepare the mark sheet of an university examination with the

following items :

Name of the student

Roll no.

Subject name

Subject code

Internal marks

External marks

Design a base class named student consisting of data members Name of the student and Roll no. The

derived class named marks consists of the data members Subject name, Subject code, Internal marks

and External marks and the main class looks like below :

int main()

{

marks m("CSE",206,30,40,"Rahim",201314050);

m.disp();

}

2.

Define a class Publication consisting of data members title and price. Derive two classes from it – a class Book which has an accession number and a class Magazine which has volume number. With these two as bases, derive the class Journal which has journal name as data members. Define a function print() in each of these classes. Ensure that the derived class function always invokes the base(s) class function. In main() create a Journal called IEEEOOP with an accession number 681.3 and a volume number 1. Invoke the print() function for this object.