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FE/Sem-I | Computer Pray.-I
Con. 6231-10.
                                                                    [ Total Marks : 100
                                      (3 Hours)
 N.B.: (1) Question No. 1 is compulsory.
       (2) Attempt any four questions out of remaining six questions.
       (3) Figures to the right indicates full marks.
                                                                                     20
    Find o/p of the following programs (5 marks each)
        (a) void main ()
             int a=1,b=2,c=3,d=4.75,x;
             x=++a + b++ * ++c%d++;
             cout<<a<<" "<<b<," "<<c<<" "<<d<<" "<<x<<endl;
             Void main ()
        (b)
             int x=1;
             cout<<x<<(x=x+2)<< (x<<2),,endl;
             x<<2;
             cout<<++x<<x++<<++x<<endl;
         (c) int x;
             voidf1()
              ++X;
             vpid main()
              int x=10;
              f1();
              x=::x+10;
              cout<<x<" "<<::x<<end
              class Teat
         (d)
              public:
              Test()
              cout<<"constructor"<<endl;
               ~Test()
                    "destructor"<<endl;
               woid main()
               Test t2, t3;
               Test t4;
                                                                                        10
   2. (a) Write a program to print following pattern :-
                      1
                     21A
                    321AB
                   4321ABC
                 54321ABCD
       (b) x=1! + 3! + 5! + (2*n-1)!
```

10

(c) Write pure virtual function convert to convert liters to milliliters, grams to kilograms,

(b) Explain pure virtual function with example.

dollar to rupee. Assume 1 dollar is 45 rupes.

5

10