29)WRITE DOWN THE CODE FOR THE FOLLOWING INHERITANCE.

#include<iostream>

using namespace std;

char name[20];

int x,y,z;

class bank

{

public:

virtual void getrateofinterest()

{

cout<<"=== Bank Details ===\n";

cout<<"Enter your name = ";

cin>>name;

cout<<"Enter the account number of SBI = ";

cin>>x;

cout<<"Enter the account number of AXIS = ";

cin>>y;

cout<<"Enter the account number of ICICI = ";

cin>>z;

}

};

class sbi: public bank

{

public:

float h;

void getrateofinterest()

{

cout<<"\n\n=== SBI ===\n\n";

cout<<"Customer name = "<<name<<"\n";

cout<<"Account number = "<<x<<"\n";

cout<<"Balance = "<<"\n";

cin>>h;

cout<<"Rate of Interest = "<<h\*0.20;

}

};

class icici:public bank

{

public:

float i;

void getrateofinterest()

{

cout<<"\n\n=== ICICI ===\n\n";

cout<<"Customer name = "<<name<<"\n";

cout<<"Account number = "<<z<<"\n";

cout<<"Balance = "<<"\n";

cin>>i;

cout<<"Rate of Interest = "<<i\*0.15;

}

};

class axis:public bank

{

public:

float j;

void getrateofinterest()

{

cout<<"\n\n=== AXIS ===\n\n";

cout<<"Customer name = "<<name<<"\n";

cout<<"Account number = "<<y<<"\n";

cout<<"Balance = "<<"\n";

cin>>j;

cout<<"Rate of Interest = "<<j\*0.10;

}

};

int main()

{

bank b;

sbi s;

icici i;

axis a;

bank \*m;

m=&b;

m->getrateofinterest();

m=&s;

m->getrateofinterest();

m=&i;

m->getrateofinterest();

m=&a;

m->getrateofinterest();

}

OUTPUT:

