RollNo:

Issue Date: 22-May-2015 Time: 15 min

Time: 15 min Marks: 9

Objective:

• The purpose of this quiz is to focus on the very basic fundamental concepts learned so far in previous lectures.

Question No. 1: (03)

Give output of the following code segment.

```
struct Parent
{
    int a;
    int b;
    Parent()
    {a=1;b=2;}
};
struct Child: public Parent
{
    int c;
    int d;
    Child()
```

```
{c=3;d=4;}
};
int main()
{
    Parent p;
    Child c;

    p = c;
    cout<<p.a<<endl<<p.b;
    return 1;
}</pre>
```

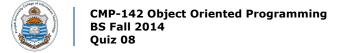
Question No. 2:

Give output of the following code segment.

```
struct Parent
{
    virtual void f()
    {cout<<"Parent::f()";}
    virtual void f(int)
    {cout<<"Parent::f(int)";}
};
struct Child: private Parent
{
    using Parent::f;
    virtual void f(int,int)</pre>
```

```
{cout<<"Child::f(int,int)";}
void f()
{cout<<"Child::f()";}
};
int main()
{
    Parent * p =(Parent *) new
Child;
    p->f();
    return 1;
}
```

(03**)**



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Question No. 3:

Give output of the following code segment.

```
struct Parent
{
    virtual void f()
    {cout<<"Parent::f()";}
    virtual void f(int)
    {cout<<"Parent::f(int)";}
};
struct Child: private Parent
{
    using Parent::f;
    virtual void f(int,int)
    {cout<<"Child::f(int,int)";}</pre>
```

```
private:
    void f()
    {cout<<"Child::f()";}
};
int main()
{
    Parent * p =(Parent *) new
Child;
    p->f();
    return 1;
}
```