

St. Mira's College for Girls, Pune
(Autonomous-Affiliated to Savitribai Phule Pune University)

Class-S.Y.B.Sc(C.S)
Subject: Object Oriented Concepts Using C++
Subject Code:BS41601
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All Units - focusing on Skill Development, Employability and Entrepreneurship

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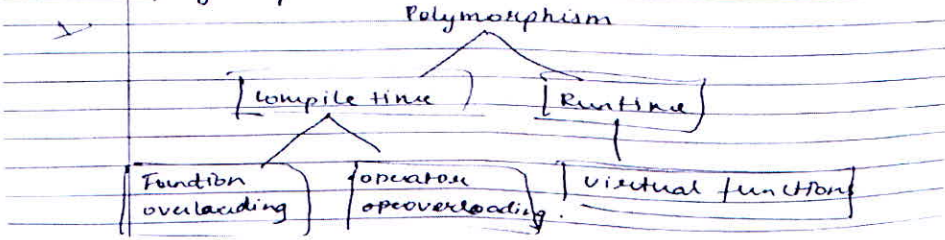
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C++ Part I

Ans 1) Syntax for declaring construction

```

derived class (arglist1, arglist2 ... arglist N,
base1 (arglist1), base2 (arglist2) ... baseN (arglist D)
{
// body of the derived class
// program code
}
arglist 1 :- parameters
arglist N :- parameters of base class
arglist D :- parameters of derived class
base 1 (arglist 1) ... function call
    
```

Ans 2) When we want the base class to invoke the function correctly either to derived class or base class, keyword virtual is declared in base class. When keyword virtual is declared, C++ ensures the type of the object pointed but not the type of the pointer. Different objects can be used in virtual functions and during runtime polymorphism.



Alka
Asst. Prof. Alka B. Kalhapure
Subject Teacher



[Signature]
Principal Incharge
St. Mira's College for Girls