**Global Group of Institutions**

**Demo Question Paper – Set – V**

**Subject – Object Oriented Programming with C++**

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| **Sl. No.** | **Questions Lists - Inheritance** | **Options** |
| 1. | When the inheritance is private, the private methods in base class are \_\_\_\_\_\_\_\_\_\_ in the derived class (in C++).  A. Inaccessible  B. Accessible  C. Protected  D. Public | A |
| 2. | Which design patterns benefit from the multiple inheritances?  A. Adapter and observer pattern  B. Code pattern  C. Glue pattern  D. None of the mentioned | A |
| 3. | What is meant by multiple inheritance?  A. Deriving a base class from derived class  B. Deriving a derived class from base class  C. Deriving a derived class from more than one base class  D. None of the mentioned | C |
| 4. | What will be the order of execution of base class constructors in the following method of inheritance. Class a: public b, public c {...};  A. b(); c(); a();  B. c(); b(); a();  C. a(); b(); c();  D. b(); a(); c(); | A |
| 5. | Inheritance allow in C++ Program?  A. Class Re-usability  B. Creating a hierarchy of classes  C. Extendibility  D. All of the above | D |
| 6. | Can we pass parameters to base class constructor though derived class or derived class constructor?  A. Yes  B. No  C. May Be  D. Can't Say | A |
| 7. | What are the things are inherited from the base class?  A. Constructor and its destructor  B. Operator=() members  C. Friends D. All of the above | D |

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| 8. | Which of the following advantages we lose by using multiple inheritance?  A. Dynamic binding  B. Polymorphism  C. Both Dynamic binding & Polymorphism  D. None of the mentioned | C |
| 9. | What will be the output of the following program?  **Note:Includes all required header files**  **class find {**  **public:**  **void print() { cout <<" In find"; }**  **};**    **class course : public find {**  **public:**  **void print() { cout <<" In course"; }**  **};**    **class tech: public course { };**    **int main(void)**  **{**  **tech t;**  **t.print();**  **return 0;**  **}**  A. In find  B. In course  C. Compiler Error: Ambiguous call to print()  D. None of the above | B |
| 10. | Which symbol is used to create multiple inheritance?  A. Dot  B. Comma  C. Dollar  D. None of the above | B |

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