**Children Day**

**C++ questions (SET 1)**

**1)   Object oriented programming employs\_\_\_\_\_\_\_\_\_ programming approach.** 

**a.** top-down

**b.** procedural

**c. bottom-up**

**d.** all of these.

**2) In CPP, cin and cout are the predefined stream \_\_\_\_\_\_\_\_\_\_ .** 

**a.** Operator

**b.** Functions

**c. Objects**

**d.** Data types

3) **Predict the output:  
  
int x = 786;  
cout << setfill(‘\*’) << setw(6) << x;**  
**a.** 786\*\*\*

**b.** \*\*786

**c. \*\*\*786**

**d.** \*\*\*\*\*\*

**4) Which of the following is CPP style type-casting?** 

**a. per = total/(float)m**

**b.** per = total/float(m)

**c.** per = float(total)/m

**d.** None of these

5) **By default, members of the class are \_\_\_\_\_\_\_\_\_\_\_\_ in nature.** 

**a.** protected

**b. private**

**c.** public

**d.** static

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| 6) How many types of polymorphisms are supported by C++? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 1 | | [**B.**](javascript:%20void%200;) | **2** | | [**C.**](javascript:%20void%200;) | 3 | | [**D.**](javascript:%20void%200;) | 4 | |

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| 7) Which of the following concepts is used to implement late binding? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | **Virtual function** | | [**B.**](javascript:%20void%200;) | Operator function | | [**C.**](javascript:%20void%200;) | Const function | | [**D.**](javascript:%20void%200;) | Static function | |

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| 8) Which of the following ways are legal to access a class data member using this pointer? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | ***this->x*** | | [**B.**](javascript:%20void%200;) | *this.x* | | [**C.**](javascript:%20void%200;) | *\*this.x* | | [**D.**](javascript:%20void%200;) | *\*this-x* | |

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| 9) Which inheritance type is used in the class given below?  *class A : public X, public Y  {}* |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Multilevel inheritance | | [**B.**](javascript:%20void%200;) | **Multiple inheritance** | | [**C.**](javascript:%20void%200;) | Hybrid inheritance | | [**D.**](javascript:%20void%200;) | Hierarchical Inheritance | |
| 10) Which of the following is correct about the statements given below?   1. All operators can be overloaded in C++. 2. We can change the basic meaning of an operator in C++. |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Only I is true. | | [**B.**](javascript:%20void%200;) | **Both I and II are false.** | | [**C.**](javascript:%20void%200;) | Only II is true. | | [**D.**](javascript:%20void%200;) | Both I and II are true. | |