

# CS304P - CS304P - Object Oriented Programming (Practical) (Graded Quiz # 01)

Solution By **Rhoo posh**

**Car carries passengers.**

**Bus carries passengers.**

**Truck carries luggage.**

**Harvester harvests the crops.**

**Car, Bus, Harvester and Truck are derived from which class?**

**Select the correct option**

	Passenger Transport
	<b>Vehicle</b>
	Public Transport
	Navy Ships

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A **Classroom** class holds **Students**.

Which of the following relationships best describe the above statement?

**Select the correct option**

	Composition
	Inheritance
	<b>Aggregation</b>
	Association

"Static data member is declared \_\_\_ the class, but they are defined \_\_\_ the class."

Choose the correct sequence of data member declaration and definition.

**Select the correct option**

	Inside, Inside
	<b>Inside, Outside</b>
	Outside, Outside
	Outside, Inside

Which problem arises due to multiple inheritance, when the parent classes are also derived from the grandparent class?

**Select the correct option**

	Circle
	<b>Diamond</b>
	Loop
	Triangle

\_\_\_\_\_ is a concept to extract common behaviours by using Bottom to Top approach.

**Select the correct option**

	Sub-typing
	Specialization
	Extension
	<b>Generalization</b>

Following code is equivalent to which option.

```
class Shape
{
    string type;
};
```

**Select the correct option**

	<code>class Shape public: { public: string type; };</code>
	<code>class Shape { protected: string type; };</code>
	<b><code>class Shape { private: string type; };</code></b>
	<code>class Shape { public: string type; };</code>

Which of the following keyword should be used to declare a static variable?

**Select the correct option**

	global
	<b>static</b>
	stat
	const

Which of the following best defines static data members of a class?

	<b>Data member which is common to all the classes in a program</b>
	<b>Data member which is common to all the objects of a class</b>
	<b>Data member with global scope</b>
	<b>Data member which is allocated for each object separately</b>

Which of the following is the default access specifier for members of a class?

**Select the correct option**

protected and private

protected and public

**private**

public