



Examination System

Classes are known as abstract data types (ADT) Because it uses the concept of data hiding

True False

A procedure-oriented Language is a language that consists of writing a list of instructions

True False

A procedure-oriented language does not model real-world problems

True False

C++ can be said to be as C language with

Structures Functions Classes Global data

_____ allows to create classes which are derived from other classes, so that they automatically include some of its "parent's" members, plus its own members.

Overloading Inheritance Polymorphism Encapsulation

Important advantage of using new and delete operators in C++ is

Allocation of memory	Frees the memory previously allocated	Allocation of memory and frees the memory previously allocated	Initialization of memory easily
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C++ actually supports the following two complete dynamic systems?

One defined by C++ and the other not defined by C	One defined by C and one specific to C++	Both are specific to C++	Both of them are improvements of C
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Which of the following correctly describes overloading of functions?

Virtual polymorphism	Transient polymorphism	Ad-hoc polymorphism	Pseudo polymorphism
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Which of the following concepts means adding new concepts to a program as it runs?

Data hiding	Dynamic loading	Dynamic typing	Dynamic binding
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Which of the following operators can not be overloaded in C++?

*	==	+=	::
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What is a size of empty class in c++?

4 bytes	2 bytes	0 bytes	1 bytes
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In c++ object of the class is also called?

Constants	Tag	Instance	Data collection
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_____ is a default access specifier for members of class in C++.

- protected
- public
- private
- default

_____ is a default access specifier for members of structures in C++.

- protected
- public
- private
- default

In object oriented programming, by wrapping up characteristics and behavior into one unit, we achieve

- Data Abstraction
- Data Encapsulation
- Data Hiding
- All of these

Which of the following mode declaration is used in C++ to open a file for input?

- ios :: app
- in :: ios
- ios :: in
- ios :: file

Which diagram provides a formal graphic notation for modelling objects, classes and their relationships to one another?

- Object Diagram
- Analysis Diagram
- Instance Diagram
- Class Diagram

The mechanism that binds code and data together and keeps them secure from outside world is known as

- Abstraction
- Encapsulation
- Inheritance
- Polymorphism

___ is considered to be a partitioned area of computer memory that stores and set of operations that can access the data.

- Classes
- Objects
- Variables
- Functions

When a program is executed the ____ interacted by sending a message to one another

Objects	Classes	Operating system	Memory
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Objects are the variables of the type ____?

String	Boolean	Class	All data types can be included
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What is the most striking feature of class?

Data encapsulation	Collection of objects of similar type	Inheritance	All of the above
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Why classes are known as abstract data types (ADT)?

Because classes are user-defined data types	Because it supports the theory of hierarchical classification	Because it allows dynamic binding	Because it uses the concept of data abstraction
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Which is not true about the object-oriented approach?

Emphasis is on data rather than procedure	Data is hidden and cannot be accessed by external functions	Objects communicate through functions	It supports abstract data but not the class
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Which language among the following support an object-oriented approach?

Modula-3	Ada 95	Modula-2	Both A and B
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Object-oriented languages follow which approach?

Top-down approach	Bottom-up approach	A and B	None of the above
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