Started on	Saturday, 27 March 2021, 1:32 PM
State	Finished
Completed on	Saturday, 27 March 2021, 1:34 PM
Time taken	2 mins 21 secs
Grade	**10.00** out of 10.00 (**100**%)

Question **1**

Correct

Mark 2.00 out of 2.00

Match the description with the most appropriate term.

By default, all inheritance and all members are private. | class | ✔

By default, all inheritance and all members are public. | struct | ✔

Question **2**

Correct

Mark 3.00 out of 3.00

Given some class A, each specially-named member name with its prototype.

destructor | ~A(); | ✔
move assignment operator | A& operator=(A&&); | ✔
copy constructor | A(A const&); | ✔
move constructor | A(A&&); | ✔
default constructor | A(); | ✔
copy assignment operator | A& operator=(A const&); | ✔

Question **3**

Correct

Mark 3.00 out of 3.00

Match each description item with the notion it best describes.

Can be overridden and can be used polymorphically. | virtual member function | ✔

Ensures the proper destruction of a pointer or a reference to an object-oriented type instance. | virtual destructor | ✔

Requires some indirection overhead to access data members in base (i.e., ancestor) classes. | virtual inheritance | ✔

Question **4**

Correct

Mark 2.00 out of 2.00

C++ is:

Select one or more:

☐ a.   a specific-purpose language

☑ b.   a multi-paradigm language   ✔

☐ c.   a single-paradigm language

☑ d.   a statically-typed language   ✔

☐ e.   an interpreted language

☑ f.   a compiled language   ✔

☐ g.   a dynamically-type language

☑ h.   a general-purpose language   ✔

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