

**Started on** Monday, 15 March 2021, 6:05 PM  
**State** Finished  
**Completed on** Monday, 15 March 2021, 6:10 PM  
**Time taken** 5 mins 5 secs  
**Grade** **8.00** out of 10.00 (**80%**)

Question **1**

Correct

Mark 1.00 out of 1.00

What Is .NET?

Select one:

- ☐ a. A combination of languages and libraries used to develop Windows applications.
- ☒ b. A development platform for building all kinds of applications including console, mobile, web and cloud services. ✓
- ☐ c. A development platform used to develop Web Applications.
- ☐ d. A programming language used to develop Web Applications.

Your answer is correct.

The correct answer is: A development platform for building all kinds of applications including console, mobile, web and cloud services.

Question **2**

Incorrect

Mark 0.00 out of 1.00

In order to create .NET Applications, we must have Visual Studio installed on our computer (as this contains the libraries required to write .NET applications). True or false?

Select one:

- ☒ True ✗
- ☐ False

The correct answer is 'False'.

Question **3**

Correct

Mark 1.00 out of 1.00

For .NET Console Applications, in which file must the main program code be written?

Select one:

- ☐ a. Startup.cs
- ☐ b. Index.cshtml
- ☒ c. Program.cs ✓
- ☐ d. Main.cs


Your answer is correct.

The correct answer is: Program.cs

Question **4**

Correct

Mark 1.00 out of 1.00

In C#, a   is a grouping of related code elements.

Your answer is correct.

The correct answer is:

In C#, a [namespace] is a grouping of related code elements.


Question **5**

Correct

Mark 1.00 out of 1.00

String interpolation is used to embed the values of variables into an output string (as an alternative to using concatenation). True or false?

Select one:

☒ True 

☐ False

The correct answer is 'True'.


Question **6**

Correct

Mark 1.00 out of 1.00

Which of the following statements can be used in place of an if-else statement (if we are testing a single variable against several equality conditions)?

Select one:

☒ a. Switch 

☐ b. Loop

☐ c. Namespace

☐ d. Compound

Your answer is correct.


The correct answer is: Switch

Question **7**

Incorrect

Mark 0.00 out of 1.00

Complete the sentence.

The fundamental concepts of object oriented programming are   \_\_\_\_\_  
\_\_\_\_\_.

The correct answer is: classes and objects

Question 8

Correct

Mark 1.00 out of 1.00

A  ☒ is a template (blueprint) that describes a particular type of  ☒.

An  ☒ is an  ☒ of a  ☒.

Your answer is correct.

The correct answer is:

A [class] is a template (blueprint) that describes a particular type of [object].

An [object] is an [instance] of a [class].

Question 9

Correct

Mark 1.00 out of 1.00

Which of the following words are be used to describe the characteristics of an object?

Select one:

- ☐ a. Classes
- ☐ b. Instances
- ☒ c. Attributes ☒
- ☐ d. Methods

Your answer is correct.

The correct answer is: Attributes

Question 10

Correct

Mark 1.00 out of 1.00

Which of the following can be used to represent behaviour or action that an object can perform?

Select one:

- ☐ a. Classes
- ☒ b. Methods ☒
- ☐ c. Attributes
- ☐ d. Properties

Your answer is correct.

The correct answer is: Methods

◀ ASSIGNMENT 4: USING LINQ

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