

C# Advanced Theoretical Exam - 00:13:42

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### Въпрос 1

Which of the following statements will return the length of the second dimension in multidimensional array?

### Отговори

- ☐ matrix.GetLength(0);
- ☒ matrix.GetLength(2);
- ☐ matrix.GetLength(1);
- ☐ matrix.GetLength(-1);

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## Въпрос 2

"Last in, first out" refers to:

## Отговори

- ☐ Queue<T>
- ☐ Array<T>
- ☐ List<T>
- ☒ Stack<T>

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**Въпрос 3**

Params argument:

**Отговори**

- ☐ Multiple params arguments are allowed in a method declaration
- ☐ Should always be first
- ☒ Takes a variable number of arguments

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**Въпрос 4**

Delegates are used to:

**Отговори**

- ☐ Test your code
- ☒ Pass methods as arguments to other methods

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#### Въпрос 5

A class can have:

#### Отговори

- ☐ One instance
- ☒ Many instances
- ☐ No instances

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Въпрос 6

Yield return:

Отговори

- ☐ Returns nothing
- ☒ Returns all elements at once
- ☐ Returns one element upon each loop cycle

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**Въпрос 7**

Which of the following definitions is NOT valid in C#?

**Отговори**

- ☐ Dictionary with List<T> values
- ☐ Dictionary with values of type object
- ☐ Nested dictionary
- ☒ Dictionary with values of mixed types

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**Въпрос 8**

What is a generic collection?

**Отговори**

- ☐ It stores maximum 5 elements
- ☐ It stores any data type
- ☒ It stores only other collections



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#### Въпрос 9

HashSet<T> keeps:

#### Отговори

- ☒ Unique elements
- ☐ Only strings
- ☐ Only integers

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**Въпрос 10**

Classes are:

**Отговори**

- ☐ Not used in OOP
- ☐ Design patterns
- ☒ Patterns for creating objects

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**Въпрос 11**

Which of the following definitions is NOT true about streams?

**Отговори**

- ☐ Streams are ordered sequence of bytes
- ☐ Streams are used to transfer data
- ☒ Streams are used to store data in memory
- ☐ It is good practice to dispose a stream after we stop working with it

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**Въпрос 12**

Streams are used to:

**Отговори**

- ☐ Debug your code
- ☐ Test your code
- ☒ Transfer data

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**Въпрос 13**

According to the convention, what casing do we use to name classes?

**Отговори**

- ☐ Camel casing
- ☒ Pascal casing
- ☐ Snake casing

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#### Въпрос 14

What definition best describes jagged arrays?

#### Отговори

- ☐ Single dimension collection where length is dynamically changed
- ☐ Single dimension collection with fixed length
- ☐ Multidimensional array where all dimensions have exactly the same length
- ☒ Multidimensional array where each dimension can have different length

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#### Въпрос 15

Action<T> is:

#### Отговори

- ☐ A function, returning Boolean
- ☒ A void function
- ☐ A function, returning string

Вашият резултат е: 12/15