

## Đề thi lý thuyết pcs aptech

### Question

Programming in C# - A147

1 Which of the following statements about interfaces are correct?

- ☒ ☐ Interfaces cannot be instantiated.
- ☒ ☐ Interfaces contain abstract members only.
- ☒ ☐ Interfaces cannot implement any methods.
- ☐ Interfaces can only be inherited by classes or other interfaces.

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### Question

Programming in C# - A147

2 Exceptions thrown due to failure in database connection or network connection are examples of \_\_\_\_\_ exceptions.

- ☐ application-level
- ☐ system-defined
- ☒ system-level
- ☐ user-defined

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Question

Programming in C# - A147

3 Exceptions thrown due to arithmetic operations or null object reference are \_\_\_\_\_ exceptions.

- ☐ application-level
- ☐ system-defined
- ☐ system-level
- ☐ user-defined

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Question

Programming in C# - A147

5 Which of the following statements about delegates in C# are correct?

- ☐ A delegate can accept a block of code as a parameter.
- ☐ A delegate can invoke one method at a time.
- ☐ A delegate can encapsulate static methods.
- ☐ A delegate is declared using the delegate keyword.

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## Question

### Programming in C# - A147

**6** Which of the following code declares the delegate Calculation with the return type and the parameter types as integer?

- ☒ ☐ public delegate int Calculation(int numOne, int numTwo);
- ☐ public delegate Calculation(int numOne, int numTwo);
- ☒ ☐ delegate int Calculation(int numOne, int numTwo);
- ☐ delegate Calculation(int numOne, int numTwo);

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## Question

### Programming in C# - N0610

**7** The \_\_\_\_\_ statement checks for an arithmetic overflow in arithmetic expressions.

- ☒ ☐ checked
- ☐ unchecked

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Question

Programming in C#- N0610

8 \_\_\_\_\_ is a process of assigning a variable that is type-cast to another variable of type Object.

- ☒ Boxing
- ☐ Implicit boxing
- ☐ Explicit boxing

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Question

Programming in C#- N0610

9 When a variable is boxed or converted to a reference type, it gets stored on the \_\_\_\_\_.

- ☒ Heap
- ☐ Stack

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Question

Programming in C#- N0610

10 In C#, a for loop is created without a body when

- ☒ The operations performed within the body of the loop can be accommodated within the loop definition itself.
- ☐ The operations performed within the body of the loop cannot be accommodated within the loop definition itself.

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Question

Programming in C#- N0610

11 With respect to C#,

1. C# does not permit the statement sequence of one case block to continue into the next.
2. While loop can be defined within another while loop.
3. For loop can be created without a body.

- ☐ Statements 1, 2 are true
- ☒ Statements 2, 3 are true
- ☐ Statements 1, 2, 3 are true.

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Mod Exam 6

Mr. DONG NGUYEN VAN

Questions: 24

Total Time: 25 Minutes

Start Time 7:

TERM: ACCP-Term 02

Question

Programming in C#- N0610

12 The goto statement directly executes

- ☒ A labeled statement
- ☐ A labeled block of expressions
- ☐ A labeled expression

Pre



Question

Programming in C#- N0610

13 An array of arrays is defined as a \_\_\_\_\_.

- ☐ Super array
- ☐ Double array
- ☒ Jagged array

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Question

Programming in C#- N0610

14 \_\_\_\_\_ allows the return value of a referenced method to have a different type than that specified by the delegate.

- ☐ Contravariance
- ☐ Covariance
- ☒ Event

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Question

Programming in C#- N0610

15 The property declaration that includes the get and set accessors is called a \_\_\_\_\_

- ☐ Read-only property
- ☐ Write-only property
- ☒ Read-Write property

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Question

Programming in C#- N0610

16 \_\_\_\_\_ can only declare static constants.

- ☐ Interface
- ☐ Abstract class
- ☒ Static class

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Question

Programming in C# - ClassNotes-i10

17 LINQ is a set of technologies introduced in \_\_\_\_\_.

- ☐ Visual Studio 2005
- ☒ Visual Studio 2008
- ☐ Visual Studio 2003
- ☐ Visual Studio 2000

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# DA: A2-b4; A1-b3; A3-b2

| SI No. | Left Column | SI No. | Right Column  | Correct Answer for column A |                          |                          |                          |
|--------|-------------|--------|---|-----------------------------|--------------------------|--------------------------|--------------------------|
| A1     | into        | B1     | Used to introduce a range variable to store sub-expression results in a query expression.                     | <input type="radio"/> B1    | <input type="radio"/> B2 | <input type="radio"/> B3 | <input type="radio"/> B4 |
| A2     | by          | B2     | Used to indicate a data source and a range variable.  | <input type="radio"/> B1    | <input type="radio"/> B2 | <input type="radio"/> B3 | <input type="radio"/> B4 |
| A3     | from        | B3     | Used to indicate an identifier which serves as a reference to the results of a join, select, or group clause. | <input type="radio"/> B1    | <input type="radio"/> B2 | <input type="radio"/> B3 | <input type="radio"/> B4 |



*Programming in C# - ClassNotes-i10*

**19** Which of the following restrictions for partial methods are true?

1. The partial keyword is a must when defining or implementing a partial method
2. Partial methods must return void
3. Partial methods are implicitly public
4. Partial methods can return ref but not out

☒ ☐ 1, 2, 3, 4

☒ ☐ 1, 2, 4

☐ 1, 3, 4

☒ ☐ 1, 2, 3

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**20** In \_\_\_\_\_, the this keyword is required before the first argument.

☐ Static method

☒ ☐ Extension method

☐ Collection initializer

☐ Auto-implemented property

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#### Question

*Programming in C# - ClassNotes-i10*

**21** \_\_\_\_\_ and \_\_\_\_\_ are the assemblies used for implementation of Workflow and WCF enhancements.

- ☐ System.WorkflowServices.dll and System.ServiceModel.Web.dll
- ☐ System.Services.dll and System.ServiceModel.Web.dll
- ☐ System.WorkServices.dll and System.Service.Web.dll
- ☐ System.Workflow.dll and System.ServiceModel.Web.dll

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#### Question

*Programming in C# - A147*

**22** Which of the following statements about C# are correct?

- ☐ C# applications can easily use or integrate code written in other .NET languages.
- ☐ C# allows use of uninitialized variables as well as checks the overflow of types.
- ☐ C# can be used to develop both, simple standalone and distributed applications.
- ☐ C# applications are easy to deploy because of its support for XML and SOAP.

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## Programming in C# - A147

23 Which of the following statements about abstract classes are correct?

- ☐ An abstract class is defined using the abstract keyword.
- ☐ An abstract class should contain at least one method that is not implemented within it.
- ☐ An abstract class does not compile if the abstract keyword is not present with it.
- ☐ An abstract class, like other classes, can be instantiated using the new keyword.

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## Programming in C# - A147

24 Which of the following statements about abstract methods are correct?

- ☐ Abstract methods are methods without bodies declared in an abstract class.
- ☐ Abstract methods are always implemented in the inheriting classes.
- ☐ Abstract methods are declared with an access modifier, a return type, and a signature.
- ☐ Abstract methods provide common functionality to inheriting classes.

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