

C#.NET Programming MCQs [set-1]

1. The compiled version of a VC#.NET program will be in_____.

- A. Machine code
- B. IL code
- C. Byte code
- D. None of these

Answer: A

2. The purpose of JIT compiler is to convert_____.

- A. VC#.NET source code IL code
- B. IL code to byte code
- C. IL code to managed native code
- D. None of these

Answer: B

3. The Garbage Collection solves_____.

- A. Memory leakage problem
- B. DLL hell problem
- C. Both a & b
- D. None of these

Answer: A

4. The code that requires the CLR at runtime for the execution is known as the_____.

- A. IL code
- B. Managed code
- C. Binary code
- D. One of these

Answer: B

5. Which one of the following JIT compilers produce highly optimized code?

- A. Econo JIT
- B. Standard JIT

- C. Pre JIT
- D. None of these

Answer: B

6. The VC#.NET language_____.

- A. Solves the memory leakage problems.
- B. Solves the DLL hell problems.
- C. Has very good correspondence with the IL language.
- D. All the above.

Answer: B

7. Home page in VS.NET is also known as_____.

- A. Default page
- B. Start page
- C. First page
- D. Welcome page

Answer: B

8. The _____ enables to move through the code very quickly.

- A. Class view window
- B. Solution explorer window
- C. Code window
- D. none of these

Answer: C

9. In VC#.NET project files are grouped into a _____.

- A. Workspace
- B. Namespace
- C. Solution
- D. Package

Answer: C

10. Which one of the following statements about code debugging is correct?

- A. Debugger helps us to step through our code, one line at a time.
- B. Breakpoints can be set by pressing F9 function key.
- C. Breakpoints can be set by left-clicking in the left margin area at the line where we want to set the breakpoint.

D. a, b and c are correct.

Answer: A

11. The arrays involved in a jagged array_____.

- A. Should be of same size.
- B. May be of different sizes.
- C. Are not known as subarrays.
- D. None of these.

Answer: B

12. The parameters of a method _____.

- A. Help us to pass information to a method.
- B. Help us to get information from a method.
- C. Help us to pass information to and from a method.
- D. None of these.

Answer: C

13. The ref type parameters are_____.

- A. "Input only" parameters.
- B. "Input / Output" parameters.
- C. "Output only" parameters.
- D. None of these.

Answer: B

14. The out type parameters can be used_____.

- A. Only to pass back a result to the calling functions.
- B. Only to send information to the called function.
- C. To pass data to the called method and receive information from the called method.
- D. None of these.

Answer: A

15. In case of the Params type parameter_____.

- A. Only output can be sent.
- B. The number of arguments is variable.
- C. Both input and output can be handled.
- D. None of these.

Answer: B

16. An instance class member is referred by using the format_____.

- A. Object name. Class member name.
- B. Class name. Class member name.
- C. Object name. Class member name or class name. class member name.
- D. None of these.

Answer: A

17. Overloaded constructors will have_____.

- A. Different names
- B. Different parameter lists
- C. Different return types
- D. none of these.

Answer: B

18. A static constructor_____.

- A. Is executed when the class is loaded.
- B. Can be accessed through an object name.
- C. Can be executed any number of times.
- D. Can have its own destructor.

Answer: A

19. A property_____.

- A. Should have a get method.
- B. Should have a put method.
- C. Should have both get and put methods.
- D. Should have either a get method or put method.

Answer: A

20. An indexer_____.

- A. Enables us to access a property through index.
- B. Can have user-defined name.
- C. Is identified by its name.
- D. Cannot be overloaded.

Answer: A

21. A namespace can contain_____.

- A. Classes

- B. Namespaces
- C. Classes and namespaces
- D. None of these.

Answer: A

22. The alias should have

- A. Improve the readability of the code.
- B. Avoid name clashes.
- C. Saves you typing out very long strings.
- D. All the above.

Answer: D

23. In the case of a component,

- A. Reusability is possible.
- B. Code will be in IL format.
- C. The extension is dll.
- D. All the above.

Answer: D

24. In case of components and namespaces,

- A. Several classes may be present in a component.
- B. Classes contained in different source files may be part of same namespace.
- C. Classes contained in a source file may be from different namespaces.
- D. All the above.

Answer: C

25. In the case of access modifiers_____.

- A. Private and protected access modifiers can be specified for a class.
- B. Public access modifier can be specified for a class.
- C. The scope of the internal access modifier is the namespace.
- D. None of these.

Answer: D
