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QuestionID : 13847      Subject Name DotNet Framework

**Q1. Abhishek wants to determine if an assembly is strongly named.****Given the scenario above, what are four things that Abhishek looks for in the manifest?**

1. The GUID, 8-byte hash of the public key, version, and culture
2. The filename, filename extension, version, and public key
3. The filename, version, culture, and public key
4. The GUID, public key, version, and culture

**Correct Answer : 3**

Your Answer :

QuestionID : 13850      Subject Name DotNet Framework

**Q2. Abhishek wants to determine if an assembly is strongly named.****Given the scenario above, what are four things that Abhishek looks for in the manifest?**

1. The filename, filename extension, version, and public key
2. The filename, version, culture, and public key
3. The GUID, public key, version, and culture
4. The private key, public key, version, and culture

**Correct Answer : 2**

Your Answer :

QuestionID : 13856      Subject Name DotNet Framework

**Q3. In the Virtual Execution Engine of the Common Language Runtime, which operation occurs first?**

1. JIT compilation
2. Verify
3. Exception management
4. Class load

**Correct Answer : 4**

Your Answer :

QuestionID : 13857      Subject Name DotNet Framework

**Q4. In the Virtual Execution Engine of the Common Language Runtime, which operation occurs first?**

1. JIT compilation
2. Verify

3. Class load
4. Garbage collection

**Correct Answer : 3**

Your Answer :

QuestionID : 13859      Subject Name DotNet Framework

[Q5. By default, when Assembly A is deployed that has external references to Assembly B, which one of the following assemblies does it use?](#)

1. The Assembly B that is registered in the host's registry
2. The Assembly B with which it was compiled
3. The Assembly B that is in the Global Assembly Cache
4. The Assembly B in the same directory it is in

**Correct Answer : 4**

Your Answer :

QuestionID : 13860      Subject Name DotNet Framework

[Q6. Which one of the following statements is true about garbage collection?](#)

1. It is invoked when generation 0 does not have room for the newly created object.
2. It only occurs when the Collect method is explicitly invoked in the System.GC class.
3. It is invoked every time a constructor is called.
4. It is invoked when the Dispose method is explicitly called.

**Correct Answer : 1**

Your Answer :

QuestionID : 13862      Subject Name DotNet Framework

[Q7. Nitin wants to create an application that downloads and begins execution quickly. His application has many methods that may not all be used by every client.](#)

[Referring to the scenario above, which one of the following is the best strategy?](#)

1. To create an application consisting of several small external assemblies
2. To create an application consisting of one assembly with multiple managed modules
3. To create an application consisting of one assembly
4. To create the application using Microsoft Visual C++ with managed extensions

**Correct Answer : 2**

Your Answer :

QuestionID : 13863      Subject Name DotNet Framework

[Q8. Nitin wants to create an application that downloads and begins execution quickly. His application has many methods that may not all be used by every client.](#)

Referring to the scenario above, which one of the following is the best strategy?

1. To create an application consisting of one assembly with multiple managed modules
2. To create an application consisting of one assembly
3. To create an application consisting of several small external assemblies
4. To use the ilasm.exe utility to pre-JIT the code at setup time

**Correct Answer : 1**

Your Answer :

QuestionID : 13864      Subject Name DotNet Framework

**Q9. Where is the metadata for a .NET Assembly contained?**

1. Assembly metadata is contained in .exe, .dll, .netmodule, and resource files.
2. Assembly metadata is contained in .exe and .dll files only.
3. All metadata is contained in the manifest, located in a section of the PE file.
4. Assembly metadata is contained in .exe, .dll, and .netmodule files only.

**Correct Answer : 4**

Your Answer :

QuestionID : 13866      Subject Name DotNet Framework

**Q10. What is true about readonly variable in C# code?**

1. It is the same as a constant
2. It is value can be assigned only once
3. You can never assign a value to it
4. There is no concept of readonly variable, we should use const keyword

**Correct Answer : 2**

Your Answer :

QuestionID : 13870      Subject Name DotNet Framework

**Q11. bool data type in C# is**

1. An object type
2. A value type
3. A reference type
4. A class type

**Correct Answer : 2**

Your Answer :

QuestionID : 13871      Subject Name DotNet Framework

**Q12. Mayura wants to populate a select dropdown combo box with data in a data store. Mayura wants a fast, forward only, read-only database connection using ADO.NET.**

**Given the above scenario, which one of the following objects should Mayura use?**

1. A Command object
2. A Recordset object
3. A DataAdapter object
4. A DataReader object

**Correct Answer : 1**

Your Answer :

QuestionID : 13872      Subject Name DotNet Framework

**Q13. An long in C# is**

1. 16 bit unsigned integer
2. 32 bit signed integer
3. 64 bit integer
4. 8 bit unsigned integer

**Correct Answer : 3**

Your Answer :

QuestionID : 13873      Subject Name DotNet Framework

**Q14. An int in C# is**

1. 16 bit unsigned integer
2. 32 bit signed integer
3. 64 bit integer
4. 8 bit unsigned integer

**Correct Answer : 2**

Your Answer :

QuestionID : 13874      Subject Name DotNet Framework

**Q15. Which one of the following types of inheritance does the Common Type System support?**

1. Multiple inheritance only when the base types are each written in different languages
2. Single inheritance with language interoperability
3. Single inheritance from base types written in the same language
4. Multiple inheritance with language interoperability

**Correct Answer : 2**

Your Answer :

QuestionID : 13876      Subject Name DotNet Framework

**Q16. Mayura registers a strongly named assembly in the Global Assembly Cache (GAC). She does this so that a hash is performed on the assembly file containing the manifest with the public key and verifies it against the hash of the manifest created with the private key at build time.**

**Given the scenario above, when is this comparison performed?**

1. It is performed each time a runtime host loads the CLR.
2. It is performed each time the CLR loads the assembly.
3. It is performed when the JIT compiler in the CLR compiles the

assembly.

4. It is performed when the assembly is registered with the GAC.

**Correct Answer : 2**

Your Answer :

QuestionID : 13878      Subject Name DotNet Framework

Q17. Which one of the following components in the Common Language Runtime's Virtual Execution Engine can be turned off?

1. Verifier
2. Code Manager
3. Class Loader
4. Garbage collection

**Correct Answer : 1**

Your Answer :

QuestionID : 13879      Subject Name DotNet Framework

Q18. Which of the following are predefined value types in C#?

1. int
2. object
3. string
4. none of the above

**Correct Answer : 1**

Your Answer :

QuestionID : 13880      Subject Name DotNet Framework

Q19. All types in C# implicitly derive from

1. System.Object class
2. System class
3. System.CSharp class
4. System.DotNet class

**Correct Answer : 1**

Your Answer :

QuestionID : 13881      Subject Name DotNet Framework

Q20. Which one of the following is a benefit of the Common Language Runtime (CLR)?

1. It enforces deterministic garbage collection.
2. It allows assemblies in different application domains to access each other's memory directly.
3. It prevents different versions of an assembly from executing in the same process.
4. It manages exception handling across languages.

**Correct Answer : 1**

Your Answer :

QuestionID : 13882      Subject Name DotNet Framework

Q21. Which namespace of the .NET Framework do you use to create metadata dynamically at runtime?

1. System.Activator
2. System.Runtime
3. System.Management
4. System.Reflection.Emit

**Correct Answer : 4**

Your Answer :

QuestionID : 13887      Subject Name DotNet Framework

Q22. What is JIT?

1. Java Internal Translator
2. Just in Time
3. Just in Translation
4. Just Interpret in Time

**Correct Answer : 2**

Your Answer :

QuestionID : 13888      Subject Name DotNet Framework

Q23. What is CLS?

1. Common Language Specification
2. Common Library System
3. Csharp Language Specification
4. Code Location Specification

**Correct Answer : 1**

Your Answer :

QuestionID : 13889      Subject Name DotNet Framework

Q24. Following are not the features of .NET

1. Language Interoperability
2. Garbage Collection
3. Multiple Inheritance
4. None of the above

**Correct Answer : 3**

Your Answer :

QuestionID : 13890      Subject Name DotNet Framework

Q25. What is CLR?

1. Common Library Reorganization
2. Csharp Language Re-specification
3. Csharp Language Runtime
4. Common Language Runtime

**Correct Answer : 4**

Your Answer :

QuestionID : 13891      Subject Name DotNet Framework

Q26. All .NET code has to be CLS compliant

**Correct Answer : F**

Your Answer :

QuestionID : 13892      Subject Name DotNet Framework

Q27. What is IL?

1. Interchangeable Library
2. Interoperable Languages
3. Intermediate Language
4. Interchangeable languages

**Correct Answer : 3**

Your Answer :

QuestionID : 13893      Subject Name DotNet Framework

Q28. Which of the following is an exclusive feature of C#?

1. Object Oriented
2. IL
3. XML documentation
4. Operator overloading

**Correct Answer : 3**

Your Answer :

QuestionID : 13894      Subject Name DotNet Framework

Q29. Which is the first level of compilation in the .NET languages?

1. CLR
2. IL
3. Platform-specific code
4. Assembly code

**Correct Answer : 2**

Your Answer :

QuestionID : 13896      Subject Name DotNet Framework

Q30. IL code compiles to

1. Platform-specific Executable code
2. Byte Code
3. .NET Code
4. Binary Code

**Correct Answer : 1**

Your Answer :

QuestionID : 13897      Subject Name DotNet Framework

Q31. All the .NET languages have the following in common

1. Syntax
2. Keywords
3. Base Class Library
4. Language data types

**Correct Answer : 3**

Your Answer :

QuestionID : 13899      Subject Name DotNet Framework

**Q32. The C# code files have an extension**

1. csharp
2. .cs
3. .csc
4. .c#

**Correct Answer : 2**

Your Answer :

QuestionID : 13902      Subject Name DotNet Framework

**Q33. To read user input from the console, the following statement is used**

1. Console.ReadLine()
2. Console.Input()
3. System.In()
4. Console.in()

**Correct Answer : 1**

Your Answer :

QuestionID : 13903      Subject Name DotNet Framework

**Q34. A attribute in C# is enclosed between**

1. < >
2. [ ]
3. { }
4. ( )

**Correct Answer : 2**

Your Answer :

QuestionID : 13906      Subject Name DotNet Framework

**Q35. All the variables local to a method in C# must be initialized before they can be used**

**Correct Answer : T**

Your Answer :

QuestionID : 13907      Subject Name DotNet Framework

**Q36. Which of the following is the correct way to instantiate an object in C#:**

1. objThis = System.CreateObject( ThisClass);
2. objThis = new ThisClass();
3. objThis = (ThisClass)Class.ForName(ThisClass).CreateInstance();
4. objThis = ClassFactory.CreateInstance(ThisClass);

**Correct Answer : 2**

Your Answer :

QuestionID : 14661      Subject Name DotNet Framework

**Q37. Namespaces are used to**



1. Separate assemblies
2. Create a unique name for an assembly
3. Avoid name clashes between data types
4. Required for deploying the assembly

**Correct Answer : 3**

Your Answer :

QuestionID : 14662      Subject Name DotNet Framework

**Q38. What is a multicast delegate?**

1. a delegate having multiple handlers assigned to it
2. a delegate called multiple times
3. a delegate which has multiple implementations
4. none of the above

**Correct Answer : 1**

Your Answer :

QuestionID : 14665      Subject Name DotNet Framework

**Q39. You can explicitly call the garbage collector**

**Correct Answer : T**

Your Answer :

QuestionID : 14666      Subject Name DotNet Framework

**Q40. Any process can be divided into multiple**

1. programs
2. Threads
3. Application domains
4. CLR's

**Correct Answer : 3**

Your Answer :

QuestionID : 14667      Subject Name DotNet Framework

**Q41. Applications running in different App Domains can not communicate with each other:**

**Correct Answer : F**

Your Answer :

QuestionID : 14668      Subject Name DotNet Framework

**Q42. "Reflection" is used to**

1. Get assembly metadata using code
2. Debug C# programs
3. Compile C# programs
4. Run C# programs

**Correct Answer : 1**

Your Answer :

QuestionID : 14669      Subject Name DotNet Framework

**Q43. Assemblies are of the following types**

1. Public
2. Private
3. Friendly
4. Global

**Correct Answer : 2**

Your Answer :

QuestionID : 14670      Subject Name DotNet Framework

[Q44. Manifest is an area where:](#)

1. the assembly code is compiled
2. Debug information is a stored
3. Assembly metadata is stored
4. Imp\_CorExeMain instruction is placed

**Correct Answer : 3**

Your Answer :

QuestionID : 14672      Subject Name DotNet Framework

[Q45. Side by Side execution is termed as](#)

1. Two app-domains within single CLR
2. Two CLR's within same process
3. Two threads within same app-domain
4. None of the above

**Correct Answer : 2**

Your Answer :

QuestionID : 15321      Subject Name DotNet Framework

[Q46. What namespace must be used in order to use the DOM for XML support?](#)

1. System.Data.Xml
2. System.Xml
3. System.Xml.DOM
4. System.DOM

**Correct Answer : 2**

Your Answer :

QuestionID : 15323      Subject Name DotNet Framework

[Q47. You need to retrieve data from a Microsoft SQL Server 2000. Currently you are](#)

[using an OleDbConnection object to connect to the database server. You need to be able to retrieve the data from the database server in XML format. Which approach would be the most efficient? Select all that apply. Each answer](#)

[constitutes part of the whole answer.](#)

1. Change to the SQL .NET provider.
2. Use the XmlDocument.Load() method to create the XML document.

3. Use the DOM to create the XML document.

4. None.

**Correct Answer : 1**

Your Answer :

QuestionID : 15325      Subject Name DotNet Framework

Q48. XML Transformations can be used to create a form letter.

**Correct Answer : F**

Your Answer :

QuestionID : 15326      Subject Name DotNet Framework

Q49. Which of the following classes supports XML schemas?

1. XmlReader
2. XmlDocument
3. XmlValidatingReader
4. XmlNodeReader

**Correct Answer : 3**

Your Answer :

QuestionID : 15327      Subject Name DotNet Framework

Q50. What is the correct way of creating a DataTable in a DataSet?

1. DataTable dtOrders = new DataTable("Orders");
2. DataTable dtOrders = DataTable("Orders");
3. DataTable dtOrders;
4. ds.Tables.Add("Orders");

**Correct Answer : 4**

Your Answer :