Q#01: [Which one is not a ORM tool?](https://en.wikipedia.org/wiki/List_of_object-relational_mapping_software)

1. Entity Framework B.LINQ to SQL C. NHibernate D. 4th one is Correct Answer

Q#02: Which three factors affect user experience?

1. Performance B. Security C. runtime errors D. **Programming Language**

Q#03:The process of analyzing a running computer program is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

A. **profiling**  B. tracing C. debugging D. tracking

Q#04:Which profiling method adds code to the assemblies being monitored?

1. CPU sampling B. **Instrumentation** C. .NET memory allocation D. Resource contention data

Q#05: The process of saving the information is called \_\_\_\_\_\_\_\_\_\_\_\_.

1. **Logging** B. Tracing C. Debugging D. Profiling

Q#06: The technique that enables you to analyze your application while it is running is \_\_\_\_\_\_\_\_\_\_\_.

A. Logging B. **Tracing** C. Debugging D. Profiling

Q#07: Which of the following are logging tools?

A. **Nlog** B. ghunpoka C. Perfmon D. All of the above

Q#08: What is debugging?

Q#09: Which type of profiling is important when you are running a multithreaded application?

A. CPU sampling B. Instrumentation C. .NET memory allocation D. **Resource contention data**

Q#10: Which is not a method of profiling using performance wizard?

1. CPU sampling B. Instrumentation **C. OS memory allocation**  D. Resource contention data

Q#11: Which code contract defines those things that must not change during the class lifetime?

A. Preconditions B. Postconditions C. **Invariants**  D. All of the above

Q#12: A traditional three-tier application has

1. **a data layer** B. **a business layer** C. a service layer D. **a user interface (UI) layer**

Q#13: the user name and password information are **Base64** encoded but not encrypted in **Basic Authentication.**

Q#14: users of the system need to have accounts, either in Active Directory or on the server in **Digest authentication**

Q#15:  **Impersonation** authentication is an add-in to Windows authentication that allows your

ASP.NET MVC application to use the Windows identity provided by Windows authentication

in a more robust manner

Q#16: **A shim** is a small piece of code that intercepts a call to an assembly and has it return an object you created, or mocked

Q#17: **A stub** is code that replaces a working class with a limited subset of a class you mocked up

Q#18: When you are deploying your website, which testing you should take? **smoke/ Capacity Planning** (p 252)

Q#19:

Q#20: How many types of test approach?

Q#21: How many parts are in authentication?

Q#23: In which authentication user needs a windows account?

Q#24:

Q#25:

Q#26:

Q#32: Entity set correspondent for **Table**

Q#33: Entity correspondent for **Row**

Q#34: The name of the connection string (which you'll add to the Web.config file later) is passed **into the constructor.**

Q#35: If we don’t need user login – Set **No Authentication**

Q#36: Navigation properties are typically defined as virtual so that they can take advantage of certain Entity Framework functionality such as **lazy loading**.

Q#37: set an attribute **on the context element: disableDatabaseInitialization="true"**

Q#38: To see the test data that the **Seed method** inserted.

Q#39: For each entity type, the code creates a collection of new entities, adds them to the appropriate **DbSet property**, and then saves the changes to the database.

Q#40: The question mark represents the **nullable Property.**

Q#41: Default Route: **{Controller, Action, Id}**

Q#42: The ValidateAntiForgeryToken attribute helps prevent cross-site request forgery attacks. It requires a corresponding **Html.AntiForgeryToken()** statement in the view .

Q#43: Entity property that is named **ID** is recognized as primary key properties.

Q#44: How to install EntityFramework ? ---  **Install-Package EntityFramework**

Q#45: Navigation properties are defined as List of entities like ICollection<T>? – **Because a navigation property can hold multiple entities.**

Q#46: How do you Specify singular table names -- **The modelBuilder.Conventions.Remove statement in the OnModelCreating method**

Q#47: If you wanted the database to be created in your App\_Data folder, you could add AttachDBFilename=|DataDirectory|\ContosoUniversity1.mdf to the connection string.

Q#48: As an alternative to setting the initializer in the Web.config file is to do it in code by adding a Database.SetInitializer statement to the **Application\_Start method in in the Global.asax.cs file.**

Q#49: It's a security best practice to use the Include parameter with the Bind attribute to whitelist fields. Which is more secure? – **Include**.

Q#50: Which of the following not Entity State -- **Updated**