Using the internet to research and answer the following questions. Be specific in your responses, and be sure to cite your internet source.

1. Define what ASP means, and its purpose.

Active Server Pages, it’s a framework for creating web pages.

https://www.w3schools.com/asp/

1. Explain and highlight the differences between ASP.NET and ASP.NET Core.

ASP.NET Core works on all OS as where ASP.NET only works on windows, Core has Razor Pages , and also tends to have a higher performance.

https://docs.microsoft.com/en-us/aspnet/core/fundamentals/choose-aspnet-framework?view=aspnetcore-3.0

1. Compare and contrast the following ASP frameworks:
   1. Web Forms

Event Driven development framework, it has better server side controls and allows you to make more complex pages.

* 1. Model-View-Controller (MVC)

MVC Pages tend to be light weight and in turn have better performance. It also is not event driven.

* 1. Web/Razor Pages

A More modern alternative then webforms, works on multiple platforms, and tends to have a better performance then webforms. IT allows easy creation of pages.

https://dotnet.microsoft.com/apps/aspnet/web-forms

1. Explain the purpose of Entity Framework (EF).

It is an O/RM that lets people working in .NET work with a database easier. It takes away the need to write code that lets you access the information from the database.

https://docs.microsoft.com/en-us/ef/

1. Describe what an API is, and give an example of one from a web site of your choice.

API Stands for Application Programming Interface. API’s are little building blocks that can be put together in your own applications in a way. They allow you to do various things.

<https://apifriends.com/api-management/what-is-an-api/>

One example of this is Google Calendar. You can use an API to access this and display/change it on your own website.