**Exam Paper**

1. Which tag must be added in Project file for Single File Publish?
   1. <ItemGroup></ItemGroup>
   2. <RuntimeIdentifier>win-x64</RuntimeIdentifier>
   3. <PublishSingleFile>true</PublishSingleFile>
   4. <TargetFramework></TargetFramework>
2. What is the Type Name for the Tuple Type?
   1. System.ValueTuple
   2. System.ValueTask
   3. System.Decimal
   4. System.Tuple
3. What is the use of ServiceDescriptor class in ASP.NET Core?
   1. The ServiceDescriptor class is used to load assembly
   2. The ServiceDescriptor class is used to search types to be registered in DI
   3. The ServiceDescriptor class is used to define an instance of the type dynamically
   4. ServiceDescriptorclassis used to discover types for Singleton instance
4. Which contract interface reads the appsettings.json file keys?
   1. IServiceCollection
   2. IConfiguration
   3. IApplicationBuilder
   4. IHostingEnvironment
5. Which method is used to register the type as stateful in DI Container?
   1. AddSession()
   2. AddScopped()
   3. AddTransient()
   4. AddSingleton()
6. What is the base class used to define the custom filter in ASP.NET Core?
   1. FilterAtribute
   2. ActionFilterAttribute
   3. Attribute
   4. RequestDelegate
7. Which property of the Controller class is used to validate the model?
   1. RouteData
   2. ModelState
   3. Principal
   4. User
8. Which tag helper is used to generate HTML elements based on collection passed to it?
   1. asp-for
   2. asp-items
   3. asp-action
   4. asp-controller
9. Which class represent the current HTTP request Context?
   1. Controller
   2. HttpContext
   3. HttpRequest
   4. RequestDelegate
10. Which HTTP module is used by IIS to redirect HTTP requests to the ASP.NET Core applications?
    1. W3wp.exe
    2. AspNetCoreModuleV2
    3. Aspnet\_isapi.dll
    4. Dotnet.exe
11. Which command is used to generate Entity Classes in EF Core in DB First Approach?
    1. dotnet ef scaffold dbcontext -c [Namespace.DbContext]
    2. dotnet ef dbcontext scaffold -c [Namespace.DbContext]
    3. dotnet ef database scaffold -c [Namespace.DbContext]
    4. dotnet ef scaffold database -c [Namespace.DbContext]
12. Which command is used to install NuGet Packages using dotnet CLI?
    1. dotnet package add [Package-Name]
    2. dotnet add package [Package-Name]
    3. dotnet install package [Package-Name]
    4. dotnet package install [Package-Name]
13. Which Tag Helper is used to perform Model binding?
    1. asp-items
    2. asp-for
    3. asp-action
    4. asp-controller
14. Which Action result type is used to redirect to the action method of the different controller?
    1. RedirectToController()
    2. RedirectToAction()
    3. RedirectToPermanant()
    4. RedirectToView()
15. What is the use of the 'Model' property of RazorView class in ASP.NET Core?
    1. This class is used to show data of Model in View
    2. This class is used to perform binding of UI element with model class
    3. This class is used to perform CRUD Operations from View
    4. This class is used to generate read-only view in MVC
16. What is the use of wwwroot folder in ASP.NET Core Project?
    1. This folder is used to contain static files to host app on IIS
    2. This folder is used to contain static files to be rendered in browser
    3. This folder contains Build output
    4. This folder is used to store binaries of the application
17. Which extension method is used to register the DbContext class in DI Container in ASP.NET Core?
    1. AddDb()
    2. AddDbContext()
    3. AddDitributedMemoryCache()
    4. AddSession()
18. What is the meaning of AddScopped<T>() method in ASP.NET Core?
    1. This is used to register the class in DI as stateless
    2. This is used to register the class in DI as stateful
    3. This is used to register the class in DI as Singleton
    4. This is used to register the class in DI for injection as Transient
19. Which method of the DbContext class is used to commit transaction?
    1. Update()
    2. SaveChanges()
    3. Add()
    4. None of the about
20. Which command of dotnet CLI is used to update database in Code-First approach?
    1. dotnet ef update database -c [DbContext]
    2. dotnet ef database update -c [DbContext]
    3. dotnet ef update -c [DbContext]
    4. dotnet ef database scaffold -c [DbContext]
21. Which attribute must be applied on the public string property of entity class to define maximum length constraint?
    1. MaxLength
    2. StringLength
    3. Max
    4. Length
22. Which enumeration is used to define the service registration lifetime for types in DI Container?
    1. ServiceDescriptor
    2. ServiceLifeTime
    3. Host
    4. Builder
23. Which command is used to generations migrations in DbFirst approach?
    1. dotnet ef add migration [Name] -c [DbContext]
    2. dotnet ef migrations add [Name] -c [DbContext]
    3. dotnet ef migrations [Name] add -c [DbContext]
    4. dotnet ef add [Name] migrations -c [dbContext]
24. Which base class is used to create a custom validator in ASP.NET Core?
    1. ModelValidator
    2. ValidationAttribute
    3. FilterAttribute
    4. DataAnnotation
25. Which of the following js file is used to manage the socker communication in Blazor Server Hosted Apps?
    1. Blazor.webassembly.js
    2. Blazor.server.js
    3. Blazor.WebAssrmbly.json
    4. None of the above