1. Sealed class and methods

2. MVC Area

3. Lazy, Eager and Explicit loading

4. HTML Helpers

5. CI/CD

6. Difference Between Web Api and Web Service

7. Scaffolding

8. What is view engine and can we create a customized view engine?

9. Partial view

10.Section

11. What is mean by REST service?

.NET Framework

1. .Net Framework Components

2. What is .NET Framework?

3. Garbage Collection

4. .Net Framework versions

5. CLR, CLS , CTS

6. JIT

C#.NET

1. OOPS

2. SOLID Principle

3. Design Patterns

4. Extension Class and Methods

5. Ref Vs OUT

6. Nullable type

7. Collection vs Generic

8. Abstract vs Interface

9. Using Keyword

10. Finalise vs Dispose

11. Var vs Dynamic

12. Read only vs Constant

13. Anonymous methods

14. Multi threading

15. Finally

16. Static class and use

17. EqualsTo vs ==

18. Delegate and use

19. Static vs normal vs Private constructor

20. Async, Await, Func. Predicate.

21. Partial Class

22. Virtual, Overide and New

23. ExecuteScalar vs Execute Non Query

24. Dictionary vs HashTable

25. OnRowDataBound vs OnRowCommand

26. Class vs Struct

27. Parallelism vs Concurrency

28. IOC and Dependency Injection

29. Serialization vs Deserialization

30. Open Json vs Open XML

31. JSON and its use

32. Abstraction vs Encapsulation

33. Can we make abstract class as sealed?

34. Same method name with same signature in base and derived class?

              a.           Parent p = new Parent();

              b.           Child c = new Child();

              c.           Child c = new Parent()

              d.           Parent p = new Child();

35. Which operator does not allow operation overloading? = assignment operator

36. Can we make interface method as private?

37. Can we create instance to abstract class and use of it?

38. Anonymous

39. How to access only interface methods?

40. Access modifiers?

ASP.NET MVC

1. Action Filter

2. Page Life Cycle

3. Action Result and its types

4. Web Api VS MVC

5. Routing

6. Difference between conventional and attribute routing?

7. Filter execution order?

8. Global.asax file and its use

9. Exeception Handling

10. Authentication and Authorization

11. Secure application from Hijackers

12. How to prevent from cross site scripting attak

13. Ajax call parameters

14. Can different URL use same controller action?

15. Can we assign multiple routes to the same controller action?

16. How to define URL in MVC?

WEB API

1. Token Authentication

2. Advantage of web api over others

3. New features in web api 2

4. HTTP Action and HTTP Verbs

5. OWIN

6. Define Attribute?

7. Status Codes

Entity Framework:

1. Entity Framework Components

2. Lazy vs Eager Loading

3. LINQ

4. Seeding

5. JSON Serilization

6. Lambda Expression

7. How to create entity framework and use in our application?

8. Explain about EDMX file and other file extension?

SQL

1. Table Creation

2. Table Value Parameters

3. Temp Table and Table Variable

4. Inline query vs Stored Procedure

5. Trigger

6. Merge vs Cursor

7. Different types of keys (Primary, Foreign, unique and composite)

LEVEL 2

1. Explain the application architecture model?

2. How to deploy the application and configure in IIS?

3. Nunit

4. What are the ways to secure the application?

5. Advantage of one over the other

              i)  Web Api vs Core

              ii)  React vs Angular

             iii) Web Api vs Web Api 2.0

              iv) Core vs Core 2.0

              v)  MVC 4 vs MVC 5

              vi) Latest VS and SQL Version details

Additional Topics

1. Angular

2. Jquery

3. Javascript

Coding

1. Find no of string occurrence count in a given string?

2. Print \* from 5 to 1 like below

3. Reverse a string without using in build functionality