**SOLID, Design Pattern, FxCop, Git, Jeera, IIS, Unit Testing**

Questions-

**Design Pattern**

1. 1.what is singleton pattern? How to implement? explain in details with code.
2. 2.Tell me about DI? Explain with example??
3. 3.what different are Different Design Pattern you have implement on your project.
4. 4.what is NuGet package need to injection (DI)??
5. 5.what is factory Pattern And explain in brief
6. 6.What to resolve DI??Which tool is used to resolve??
7. 7.How to inject to Dependency in Your project?
8. What s IoC?

**Dot Net Fundamental (Assembly)**

1. What is CLR?
2. What is GAC? In GAC which type of Assembly?
3. What is Managed and Unmanaged??
4. What is part of dot net framework for it is possible two difference languages communicate for each other

**Ans**-Common type System (CTS)

1. Diff between Debug & Release?
2. What is G1, G2, GC??
3. What is component of Assembly??
4. Does finalize method assure GC of object?

**Agile Methodology & JEERA**

1.what is scrum Master?

2.Who create Sprint?

3.Who Create Sprint?

4.what is Agile methodology?

5.For Agile you following Jira?

**GITHUB-**

1.What is GITHUB?

2.diff between GitHub & TFS?

3.what is Repository Pattern??

**SOLID Principle**

1. 1.what is Solid Principle and Explain in Details
2. 2.Explain Solid Principle with Example?
3. 3.Where we apply SOLID principle?
4. Do you know Unity Resolver?
5. How to avoid 3rd party injection?
6. What is DIP?

**IIS**

1. Explain object Pooling and Connection Pooling??
2. How to done Application Pooling?
3. Deployment process?
4. Hibernate in IIS?
5. Do you know windows hosting?
6. When you deploy or publish have it goes and what get directive.
7. IIS Server need configure from where does it from?
8. If your application gets crashed then what’s happen application Pool
9. If same application pool to shared different application? So, in this case one application crash it will affect on other application?

**FxCop**

What is FxCop??

When we use it? How?

**Unit Testing**

1.Have you done unit Testing? How?

2.Have you ever done testing in your project?

**Other Questions: -**

1. Can you face any issue when you deploy your project?
2. Can you give me some details on you your Day to Day Activity?
3. Any back office you have to work? When you work with travel domain where customer data is save?
4. During development process where you disappointed? how you find the solution?
5. If one page is loaded and connection goes away and after 15 min comeback then what will happen?
6. Where we define End Points?
7. Diff Architecture & Design?