



DotNet Sep2021
40 Questions

NAME : _____

CLASS : _____

DATE : _____

1. Identify the incorrect signature of Main() method.

☒ A

void Main()

☐ B

static void Main(string[] str)

☐ C

static void Main(String[] args)

☐ D

public static void Main()

2. Which of the following are the values types?

☐ A

Int32

☐ B

bool

☐ C

double

☐ D

class

3. Is MSIL is platform dependant?

☐ A

Yes

☐ B

No

4. When a program is compiled the code is converted into _____

☐ A

Executable code

☐ B

Objective code

☐ C

MSIL

☐ D

None

5. Which of the following are the reference types?

☐ A

Class

☐ B

Delegate

☐ C

String

☐ D

All of the above

6. Struct in C# is _____

☐ A

Value type

☐ B

Reference Type

☐ C

Pointer

☐ D

None of the above

7. Predict the output of the below code.

```
class Demo
{
    static void Main()
    {
        Console.WriteLine("Welcome to C#")
    }
}
```

☐ A

Would display, "Welcome to C#"

☐ B

Compilation error at line number 3

☐ C

Compilation error at line number 5

☐ D

Code will compile but won't display anything

8. Which method converts the string representation of an integral to its Int32 representation?

- | | | | |
|----------------------------|------------|----------------------------|-------------------|
| <input type="checkbox"/> A | parseInt() | <input type="checkbox"/> B | ToInt() |
| <input type="checkbox"/> C | parse() | <input type="checkbox"/> D | None of the above |

9. Which of the following is not a property of a string?

- | | | | |
|----------------------------|-----------------------------------|----------------------------|-----------------------------|
| <input type="checkbox"/> A | Strings are mutable | <input type="checkbox"/> B | Strings are reference types |
| <input type="checkbox"/> C | Strings have a default value null | <input type="checkbox"/> D | Strings are immutable |

10. Which of the following are the reference types?

- | | | | |
|----------------------------|--------|----------------------------|----------|
| <input type="checkbox"/> A | int | <input type="checkbox"/> B | Delegate |
| <input type="checkbox"/> C | String | <input type="checkbox"/> D | Array |

11. According to CTS all the types in .NET are derived from _____

- | | | | |
|----------------------------|----------------|----------------------------|-------------------|
| <input type="checkbox"/> A | System.Object | <input type="checkbox"/> B | System.ValueType |
| <input type="checkbox"/> C | System.Console | <input type="checkbox"/> D | None of the above |

12. The Read() method of Console class does _____

- | | | | |
|----------------------------|--|----------------------------|--|
| <input type="checkbox"/> A | Reads collection of characters from the standard input stream | <input type="checkbox"/> B | Reads a character from the standard input stream |
| <input type="checkbox"/> C | Reads a character from the standard input stream till encounters a new line escape sequences | <input type="checkbox"/> D | None of the above |

13. The Read() method of Console class

- | | | | |
|----------------------------|---|----------------------------|---------------------|
| <input type="checkbox"/> A | returns collection of characters as string | <input type="checkbox"/> B | returns a character |
| <input type="checkbox"/> C | returns the ASCII value of a read character | <input type="checkbox"/> D | None of the above |

14. What is the output of the below statement.

```
int a=10;  
int b=20;  
Console.WriteLine("Sum is:"+a+b);
```

- | | | | |
|----------------------------|-------------|----------------------------|-------------------------|
| <input type="checkbox"/> A | Sum is:30 | <input type="checkbox"/> B | Sum is:10+20 |
| <input type="checkbox"/> C | Sum is:1020 | <input type="checkbox"/> D | Gives compilation error |

15. The _____ the engine of .NET uses only IL code.

- | | | | |
|----------------------------|---------------|----------------------------|--------------------|
| <input type="checkbox"/> A | Visual Studio | <input type="checkbox"/> B | .Net language |
| <input type="checkbox"/> C | CLR | <input type="checkbox"/> D | .Net class library |

16. XML comments always start with _____slashes

- | | | | |
|----------------------------|---------------|----------------------------|-------|
| <input type="checkbox"/> A | Any number of | <input type="checkbox"/> B | three |
| <input type="checkbox"/> C | two | <input type="checkbox"/> D | one |

17. Which Data Provider gives the maximum performance when connect to SQL Server?

- | | | | |
|----------------------------|------------------------------|----------------------------|---------------------------|
| <input type="checkbox"/> A | The SqlClient data provider. | <input type="checkbox"/> B | The OLE DB data provider. |
| <input type="checkbox"/> C | The Oracle data provider | <input type="checkbox"/> D | All of the above. |

18. What property do you modify on a server control to minimize the size of the ViewState data?

- | | | | |
|----------------------------|-----------------------------|----------------------------|------------------------------|
| <input type="checkbox"/> A | ViewState="true" | <input type="checkbox"/> B | Set EnableViewState to false |
| <input type="checkbox"/> C | Set EnableViewState to true | <input type="checkbox"/> D | None of the above |

19. What are the client-side state management options that ASP.NET supports?

- | | | | |
|----------------------------|-------------|----------------------------|----------------------------|
| <input type="checkbox"/> A | Application | <input type="checkbox"/> B | Session |
| <input type="checkbox"/> C | Querystring | <input type="checkbox"/> D | Option a and b are correct |

20. Which Session Mode stores session Information in Current Application Domain?

- | | | | |
|----------------------------|-----------|----------------------------|-------------|
| <input type="checkbox"/> A | InProc | <input type="checkbox"/> B | StateServer |
| <input type="checkbox"/> C | SQLServer | <input type="checkbox"/> D | Off |

21. By default, when you use Page Output Caching, at what location page is cached?

- | | | | |
|----------------------------|--|----------------------------|-------------------|
| <input type="checkbox"/> A | Only on web server | <input type="checkbox"/> B | Only on Client |
| <input type="checkbox"/> C | Web server, any proxy servers, and browser | <input type="checkbox"/> D | All of the above. |

22. Debug class is available in which namespace?

- | | | | |
|----------------------------|--------------------|----------------------------|-------------------|
| <input type="checkbox"/> A | System.Debug | <input type="checkbox"/> B | System.Data |
| <input type="checkbox"/> C | System.Diagnostics | <input type="checkbox"/> D | None of the above |

23. Which ADO.NET class provide Disconnected Environment?

- | | | | |
|----------------------------|------------|----------------------------|--------------------|
| <input type="checkbox"/> A | DataReader | <input type="checkbox"/> B | DataSet |
| <input type="checkbox"/> C | Command | <input type="checkbox"/> D | None of the above. |

24. What are the Command Object Methods?

- | | | | |
|----------------------------|-----------------|----------------------------|------------------|
| <input type="checkbox"/> A | ExecuteNonQuery | <input type="checkbox"/> B | ExecuteReader |
| <input type="checkbox"/> C | ExecuteScalar | <input type="checkbox"/> D | All of the above |

25. Which namespace is used for aspx view engine?

- | | | | |
|----------------------------|------------------|----------------------------|----------------------------------|
| <input type="checkbox"/> A | System.Web.Razor | <input type="checkbox"/> B | System.Web.Mvc.WebFormViewEngine |
| <input type="checkbox"/> C | Neither | <input type="checkbox"/> D | Both |

26. Term in MVC architecture that receives events is called

- | | | | |
|----------------------------|-------------|----------------------------|------------|
| <input type="checkbox"/> A | Transmitter | <input type="checkbox"/> B | Model |
| <input type="checkbox"/> C | View | <input type="checkbox"/> D | Controller |

27. Return View() works like in Asp.net MVC C# as

- | | | | |
|----------------------------|---------------------|----------------------------|-------------------|
| <input type="checkbox"/> A | Server.Transfer() | <input type="checkbox"/> B | None of the above |
| <input type="checkbox"/> C | Response.Redirect() | <input type="checkbox"/> D | Both |

28. What is Action filters?

- | | | | |
|----------------------------|---|----------------------------|--|
| <input type="checkbox"/> A | Action filter execute after an action method. | <input type="checkbox"/> B | Action filter execute before an action method. |
| <input type="checkbox"/> C | Action filter execute after and before action method. | <input type="checkbox"/> D | None |

29. What is default Http method in MVC

- | | | | |
|----------------------------|------------|----------------------------|----------|
| <input type="checkbox"/> A | HttpDelete | <input type="checkbox"/> B | HttpPost |
| <input type="checkbox"/> C | HttpGet | <input type="checkbox"/> D | HttpGot |

30. Work of Http Post method

- | | | | |
|----------------------------|------------------------|----------------------------|--------------------|
| <input type="checkbox"/> A | To create new resource | <input type="checkbox"/> B | all |
| <input type="checkbox"/> C | fetch information | <input type="checkbox"/> D | update information |

31.

You are developing an ASP.NET MVC application. You have a set of controllers in your code that use the same view. You need to help users in helpdesk or helpdesk, so regularly this action should be helpdesk. The change based from the help in the application in prior to the default support. Which code segment would you use?

Page 6

- | | | | |
|----------------------------|--|----------------------------|--|
| <input type="checkbox"/> A | A. routes.MapRoute(name: "Default",url: "{controller}/{action}/{id}", defaults: new { controller = "Home",action = "Index", id = UrlParameter.Optional }); | <input type="checkbox"/> B | B. routes.MapRoute("remote", "help/remote",new { controller = "support", action = "Index" }); |
| <input type="checkbox"/> C | C. routes.MapRoute("remote", "help",new { controller = "support", action = "Index" }); | <input type="checkbox"/> D | D. routes.MapRoute("remote", "remote/help",new { controller = "support", action = "Index" }); |

32. _____ control is used to validate e-mail addresses, Social Security Numbers and phone numbers.

- | | | | |
|----------------------------|-----------------------------|----------------------------|-------------------------|
| <input type="checkbox"/> A | Range Validator | <input type="checkbox"/> B | Compare Validator |
| <input type="checkbox"/> C | RegularExpression Validator | <input type="checkbox"/> D | RequiredField Validator |

33. 1. **Statement A:** Only client side validation is possible in ASP.NET.
Statement B: Nested master pages are allowed in ASP.NET.

- | | | | |
|----------------------------|-----------------------|----------------------------|------------------------|
| <input type="checkbox"/> A | Both A and B are true | <input type="checkbox"/> B | Both A and B are false |
| <input type="checkbox"/> C | Only A is true | <input type="checkbox"/> D | Only B is true |

34. In ASP.NET Web forms contains _____ code Window

- | | | | |
|----------------------------|---|----------------------------|---|
| <input type="checkbox"/> A | 2 | <input type="checkbox"/> B | 3 |
|----------------------------|---|----------------------------|---|

35. What is ASP.NET?

- | | | | |
|----------------------------|---------------------|----------------------------|-------------------------|
| <input type="checkbox"/> A | Active Server Page | <input type="checkbox"/> B | Active Server Pages |
| <input type="checkbox"/> C | Active Service Page | <input type="checkbox"/> D | Active Service Practice |

36. ADO.NET is a data bridge between ____ and ____

- | | |
|---|--|
| <input type="checkbox"/> A applications and databases | <input type="checkbox"/> B Client and Server |
| <input type="checkbox"/> C client and client | <input type="checkbox"/> D server and server |

37. ____ objects hold a read-only, forward-only stream of data from a database.

- | | |
|---------------------------------------|--|
| <input type="checkbox"/> A DataReader | <input type="checkbox"/> B DataAdapter |
| <input type="checkbox"/> C Connection | <input type="checkbox"/> D Command |

38. Identify the correct syntax for creating a DataTable.

- | | |
|--|--|
| <input type="checkbox"/> A DataTable <name of the data table> = new DataTable(); | <input type="checkbox"/> B DataTables <name of the data table> = new DataTables(); |
| <input type="checkbox"/> C DTable <name of the data table> = new DTable(); | <input type="checkbox"/> D Table <name of the data table> = new Table(); |

39. What are the members of a data table?

- | | |
|---|--|
| <input type="checkbox"/> A DataColumn | <input type="checkbox"/> B DataRow |
| <input type="checkbox"/> C KeyConstraints | <input type="checkbox"/> D All the Mentioned |

40. How Many Key constraints are supported by C#.

- | | |
|------------------------------|------------------------------|
| <input type="checkbox"/> A 4 | <input type="checkbox"/> B 5 |
| <input type="checkbox"/> C 7 | <input type="checkbox"/> D 2 |

Answer Key			
1. a	2.	3.	4. c
5. d	6. a	7. c	8. c
9.	10.	11. a	12. b
13. c	14. c	15. c	16. b
17. a	18. b	19. c	20. a
21. c	22. c	23. b	24. d
25. b	26. d	27. a	28. c
29. c	30. a	31. b	32. c
33. d	34. a	35. b	36. a
37. a	38. a	39. d	40. c