

Q. No.	Topic	Question	Option1	Option2	Option3	Option4	Correct Option No.
1	C#	C# compiler compiles source code into _____ code.	native	byte	IL	script	Option4
2	C#	There are _____ primitive data types in .NET common type system	8	14	12	9	Option2
3	C#	.NET Core runtime is available on _____.	only Windows platform	only Linux platform	only macOS platform	Windows, Linux and macOS platforms	Option4
4	C#	C# code which includes a pointer type is compiled into _____	safe managed code	unsafe managed code	safe unmanaged code	unsafe unmanaged code	Option2
5	C#	_____ is a syntactically correct declaration of a C# method with optional parameters.	void Combine(double first, double second=0)	void Combine(double first, double second=first+1)	void Combine(double first=0, double second)	A or B	Option1
6	C#	In a console type project with implicit usings enabled, the _____ namespace must be explicitly used	System.IO	System.Linq	System.Threading	System.Collections	Option4
7	C#	A static constructor of a type is declared with _____ access modifier	public	private	no	any	Option3
8	C#	In C# class members are _____ by default	public	private	no	any	Option2
9	C#	An interface _____.	cannot be instantiated but can be extended	cannot be extended but can be instantiated	can be instantiated and can be extended	cannot be instantiated nor can be extended	Option1
10	C#	10: An interface cannot define _____	a static field	a static method	an instance field	an implemented instance method	Option3
11	C#	A struct type cannot contain the definition of a _____	static field	static method	parameterless constructor	virtual method	Option4
12	C#	A parameter of a method declared with _____ keyword accepts an uninitialized argument by reference.	ref	out	in	this	Option2
13	C#	_____ is the correct order for constraints over type-parameter T in a generic declaration.	T: struct, IComparable<T>, new()	T: struct, new(), IComparable<T>	T: IComparable<T>, new(), struct	T: new(), struct, IComparable<T>	Option1

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14	C#	The complexity of searching for an item in System.Collections.Generic.SortedDictionary<K, V> is _____.	O(n)	O(log n)	O(n ²)	O(nlogn)	Option2
15	C#	A delegate declaration is translated by the compiler into its equivalent _____ type.	pointer	struct	interface	class	Option4
16	C#	Lambda expression _____ can be assigned to a delegate defined as delegate bool InOrder(int m, int n);	x => x < 0	(x, y) => x - y	(x, y) => x > y	(x, y, z) => (x % y) == z	Option3
17	C#	The using statement is equivalent to _____ statement	try-catch	try-finally	try-catch-finally	throw	Option2
18	C#	In C# the throw statement can only be applied to an instance of a class which inherits from _____	System.Object	System.ValueType	System.Exception	System.Delegate	Option3
19	C#	Under LINQ, _____ query operator filters the elements of the sequence to which it is applied.	Where	Select	OrderBy	GroupBy	Option2
20	C#	In definition record struct Student(string name, float gpa); Student represents _____ type	an immutable reference	an immutable value	a mutable reference	a mutable value	Option4
21	C#	The expression Activator.CreateInstance(_____) returns an instance of a type whose name is specified in the command line argument args[0]	args[0].GetType()	Type.GetType(args[0])	GetType(args[0])	typeof(args[0])	Option2
22	C#	A custom attribute defined with [AttributeUsage(_____)] can be applied to both a property as well as a method of a class	AttributeTargets.Property AttributeTargets.Method	AttributeTargets.Property & AttributeTargets.Method	AttributeTargets.Property + AttributeTargets.Method	AttributeTargets.Class	Option1

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23	C#	A background thread of a process is terminated when its _____.	any other thread exits	all other threads exit	all non-background threads exit	main thread exits	Option3
24	C#	Monitor._____(target) enables a thread which has called Monitor.Wait(target) to resume execution.	Enter	Exit	Pulse	Notify	Option3
25	C#	The ADO.NET data-provider for SQL server includes _____ object for sequentially fetching rows resulting from execution of a query.	SqlConnection	SqlCommand	SqlDataAdapter	SqlDataReader	Option4
26	C#	The CommandText of a command object is set to sql SELECT COUNT(Id) FROM Students, this command is best executed using _____ method of this command object	ExecuteScalar	ExecuteReader	ExecuteNonQuery	ExecuteQuery	Option1
27	C#	ASP.NET core uses _____ by default as its web-server	IIS	IIS-Express	Kestrel	Apache	Option3
28	C#	In ASP.NET request pipeline _____ middleware executes the handler selected for the current request.	Routing	Endpoint	Authentication	Authorization	Option2
29	C#	In default route mapping under ASP.NET MVC, the Print method of the PrinterController class is mapped to path _____.	/Printer	/Print	/Print/Printer	/Printer/Print	Option4
30	C#	The View() method called from Print method of PrinterController renders _____ page.	~/Views/Printer/Print.cshtml	~/Printer/Print.cshtml	~/Print.cshtml	~/Index.cshtml	Option1
31	C#	In razor syntax the symbol _____ is used to make a transition from HTML to C#	@	\$	#	%	Option1
32	C#	Under ASP.NET Core MVC, the model object handles _____	presentation of data	persistence of data	passing of commands	parsing of commands	Option2
33	C#	By default the static page middleware serves static content from _____ directory.	~/home	~/pub	~/wwwroot	~/pages	Option3
34	C#	In ASP.NET Core Web API, _____ verb is handled to update the resource object.	GET	PUT	POST	DELETE	Option2

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35	C#	A RESTful API action must return HTTP status code of _____ to indicate server side exception.	200	300	400	500	Option4
36	C#	The _____ directive in a razor-page file turns it into an action without requiring a controller.	@code	@page	@mode	@action	Option2
37	C#	A service added to the service collection using _____ method has shortest lifetime.	AddSingleton	AddScoped	AddTransient	AddPersistent	Option3
38	C#	A controller class decorated with _____ attribute only supports routing through attributes.	[ApiController]	[Controller]	[NonController]	[Route]	Option1
39	C#	The _____ is a dynamic property of controller used for transferring data from controller to the view.	TempData	ViewData	Session	ViewBag	Option4
40	C#	The column mapped to _____ property of entity type Student is considered to be the primary key by Entity Framework conventions.	StudentId	Student_Id	StudentKey	StudentNo	Option1