**Choose right option(‘s) below statements about the .NET CLR?**

1. Common Language Runtime provides a language-neutral development and execution environment.
2. Common Language Runtime ensures that an application would not be able to access memory that it is not authorized to access.
3. Common Language Runtime provides services to run *managed*applications.
4. Common Language Runtime The resources are garbage collected.
5. Common Language Runtime provides services to run “unmanaged” applications.

*  A. Only 1 and 2
*  B. Only 1, 2 and 4
*  C. 1, 2, 3, 4
*  D. Only 4 and 5
*  Only 3 and 4
* correct  C. 1, 2, 3, 4

**2. Question**

**What is true about Managed Code(MC)?**

*  Managed code(MC) is compiled by the JIT(Just In Time) compilers.
*  Managed code(MC) where resources are Garbage Collected(GC)
*  Managed code(MC) runs on top of Windows OS.
* ** Managed code(MC) written to target the services of the Common Language Runtime** (CLR).
* Correct: Managed code(MC) written to target the services of the Common Language Runtime (CLR).

**Dot Net Framework consists of :**  
Common language runtime  
Set of class libraries  
**Common language runtime and set of class libraries**  
None of above

**4.Which of the following statements are correct about JIT?**  
JIT compiler compiles instructions into machine code at run time.  
The code compiler by the JIT compiler runs under CLR.   
The instructions compiled by JIT compilers are written in native code.   
The instructions compiled by JIT compilers are written in Intermediate Language (IL) code.   
**1,2,3**  
2,4  
3,4  
1,2

**5.Which of the following is the root of the .NET type hierarchy?**  
System.Type  
System.Base  
System.Parent  
**System.Object**

**6.Code that targets the Common Language Runtime is known as**  
Unmanaged  
Distributed  
**Managed Code**  
Native Code

**7.Which of the following statements correctly define .NET Framework?**  
**It is an environment for developing, building, deploying and executing Desktop Applications, Web Applications and Web Services.**  
It is an environment for developing, building, deploying and executing only Web Applications.  
It is an environment for developing, building, deploying and executing Distributed Applications.  
It is an environment for developing, building, deploying and executing Web Services.

**8.How many types of compilers availbale under CLR?**  
4  
2  
1  
**3**

**9.Which of the following statements is correct about Managed Code?**  
Managed code is the code that is compiled by the JIT compilers.  
Managed code is the code where resources are Garbage Collected.  
Managed code is the code that runs on top of Windows.  
**Managed code is the code that is written to target the services of the CLR.**

Q1

Name Type of assembly

A. Private,shared assembly ====answer

B. Public ,protected assembly

C. All the above

D. None

Q2

In Shared Assembly every project will have local copy

A. True

B. False ===answer

Q3

In Private Assembly every project will have local copy

A. True ===answer

B. False

Q4

For shared Assembly you have to generate Strong name

A.true ===answer

B. False

Q5. Strong Name includes the

A. only name of the .net assembly,

B. only version number,

C. culture identity, and a public key token

D all the above ===answer

**Shared Assemblies are installed at:**

A. System Assembly Cache

**B. Global Assembly Cache ===answer**

C. Machine Assembly Cache

D. Windows Assembly Cache

A.

Q6

To create a key pair command is

A. sn –k ==answer

B. sn-k

C. ns -k

D. none

Q8

Command to move dll file in shared location

A. gacutil/i dllfilename ===answer

B. gc

C. gautyil/i

D. none