1. Which of the below web technology is used to convert / serialize the data in a light weight JSON format, which can be consumed further by any language / technology?
   1. ADO.Net
   2. Entity Framework
   3. REST API / Web API
   4. All of above
2. Which of the following Is used in a connection string to database, when the database server in on the same network on on your own machine as application?
   1. User id and Password
   2. Username and Password
   3. Integrated security = true
   4. There is no need pass the credentials in given scenario
3. Which of the following is used to Persist the object in current state so that it can be recreated in the same state later
   1. Reflection
   2. Serialization
   3. FileIO
   4. All of above
4. A class can be marked as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ if you want to stop the Inheritance
   1. Abstract
   2. Sealed
   3. Static
   4. Partial
5. Which of the following application can be developed, tested and hosted on any operating system?
   1. .Net Framework
   2. .Net Standard
   3. .Net Core
   4. All of above
6. A method is called Polymorphic if the method signatures are Same
   1. Yes
   2. No
7. You cannot create an Object of a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ class
   1. Abstract
   2. Static
   3. Sealed
   4. None of above
8. Which method in ADO.Net is used to execute a DML operation, it will return the total rows affected
   1. ExecuteReader()
   2. ExecuteStatic()
   3. ExecuteScalar()
   4. ExecuteNonQuery()
9. Which of the below can be used to create a single object of an class throughout the application?
   1. Abstract
   2. Static
   3. Sealed
   4. None of above
10. Which of the following takes care of memory management, destroying the unreferenced objects from memory from time to time?
    1. CLR
    2. Garbage Collector
    3. Threads
    4. .Net Core
11. A Class can inherit from Multiple classes in .Net ?
    1. Yes
    2. No
12. Common design for look and feel of Views in MVC application is placed in
    1. View Page
    2. Layout Page
    3. Controller
    4. Model
13. Which of the following data access technology is based on ORM framework?
    1. ADO.Net
    2. Entity Framework
    3. LINQ
    4. All of above
14. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Is also considered shorthand LINQ
    1. Labmda expressions
    2. Collection
    3. Anonymous Methods
    4. Extension Methods
15. Which of the following Is used to add an Method to sealed class or to extent the functionality to an existing class?
    1. Inheritance
    2. Anonymous Class
    3. Partial Methods
    4. Extension Methods
16. A Class can inherit from multiple classes?
    1. Yes
    2. No
    3. Only Public class
    4. Only Private Class
17. A class can be marked \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ if we wish no other class should inherit it
    1. Abstract
    2. Static
    3. Sealed
    4. Non of Above
18. If we do not wish a object of a class to be created, we should mark the class as
    1. Abstract
    2. Static
    3. Sealed
    4. None of Above
19. All the Exception classes derive from \_\_\_\_\_\_\_\_\_\_\_\_ class
    1. NullReferenceException
    2. None
    3. Exception class
    4. A and C
20. Which method is used to check of the file exist or not, if not, then create the file?
    1. File.Check()
    2. File.Exist()
    3. File.Present()
    4. None of above
21. .Net Applications are executed and Handled by?
    1. OS
    2. CST
    3. CLR
    4. JVM
22. Which class is used to run multiple operations parallelly?
    1. Thread
    2. Parallel
    3. ThreadParallel
    4. ParallelThread
23. .Net Application created on which framework will run on any OS ?
    1. .Net
    2. .Net Core
    3. .Net All
    4. None of above
24. Which of the below are handled by CLR ?
    1. JIT
    2. Garbage Collection
    3. Threading
    4. Security
    5. None of Above
    6. All of Above
25. All the WinForm controls derive from ?
    1. System
    2. System.Windows
    3. System.Windows.Forms
    4. None