Họ tên: ....Nguyễn Trung Tín........... Lớp: ......CTK45B........................ **LẬP TRÌNH WEB NÂNG CAO**

BÀI TRẮC NGHIỆM 1 - CƠ BẢN VỀ ENTITY FRAMEWORK (12/03/2016)

1: Which of the following is True?
a. Entity Framework is an ORM framework. b. EF is an open source ORM framework.
c. Entity Framework is database mapping tool d. Entity Framework is object mapping tool.

2: A pattern of loading related data where a query for one type of entity also loads related entities as part of the query is called:
a. Lazy loading b. Eager loading c. Explicit loading d. Quick Loading

3: Which of the following development approaches are supported in Entity Framework?
a. Code First b. Database First c. Model First d. All of the above

4: What window in Visual Studio display CSDL, MSL and SSDL of Entity Framework?
a. Model window b. Model Browser c. EDM Designer d. Solution Explorer

5: Which of the following is TRUE?

a. DbContext can not be used in Code First approach	c. ObjectContext is a wrapper around DBContext
b. DbContext is a wrapper around ObjectContext	d. DbContext is a sealed class which cannot be override.

6: CSDL stands for

a. Common Schema Definition Language	c. Conceptual Schema Definition Language
b. Conceptual Store Definition Language	d. Conceptual Storage Definition Language

7: Which of the following query syntax can be use to query EDM?
a. LINQ-to-Entity b. Entity SQL c. Native SQL d. All of the above

8: An XML-based language that describes the storage model of an Entity Framework application is called
a. SSDL b. CSDL c. EDM d. MSL

9: An XML-based language that describes the mapping between the conceptual model and storage model of an Entity Framework Application is called
a. SSDL b. CSDL c. MSL d. EDM

10: Which of the following is NOT TRUE about the Entity Framework?
a. It automatically generates the classes from the model and updates these classes dynamically when the model is changed. b. It takes care of database connectivity. c. It provides query syntax for querying the model d. It does not provide any mechanism to track changes to the model's objects.

11: Which of the following is NOT a type of entity?
a. POCO b. POCO Proxy c. EntityObject d. DBSet

12: How do you change the state of entity using DBContext?
a. myDbcontext.Entry(studentEntity).state = System.Data.Entity.EntityState.Modified
b. myDbcontext.Add(studentEntity).state = System.Data.Entity.EntityState.Modified
c. myDbcontext.Set(studentEntity).state = System.Data.Entity.EntityState.Modified
d. myDbcontext.Entry(studentEntity).ChangeState(System.Data.Entity.EntityState.Modified)

13: Which of the following is responsible for change tracking management?
a. DBContextManager   b. ObjectContextManager   c. ObjectStateManager   d. EntityObjectManager

14: How to execute raw SQL query using DBContext?
a. dbcontext.Database.SqlQuery("Select * from Student where studentid=1")
b. dbcontext.Students.SqlQuery("Select * from Student where studentid=1")
c. dbcontext.Configuration.SqlQuery("Select * from Student where studentid=1")
d. dbcontext.SqlQuery("Select * from Student where studentid=1")

15: How to disable POCO Proxy creation using DBContext?
a. myDBContext.Configuration.ProxyCreationEnabled = false;
b. myDBContext.Database.ProxyCreationEnabled = false;
c. myDBContext.ProxyCreationEnabled = false;
d. myDBContext.Proxy.ProxyCreationEnabled = false;

16: How to disable Lazy loading using DBContext?
myDBContext.Database.LazyLoadingEnabled = false;
myDBContext.Configuration.LazyLoadingEnabled = false;
myDBContext.LazyLoadingEnabled = false;
myDBContext.Students.LazyLoadingEnabled = false;

17: Which interface you have to implement to get the reference of ObjectContext from DBContext?
a. IObjectContextAdapter b. IDBContextAdapter   c. IEntityObjectContext   d. IObjectContext

18: How to add Student entity using DBContext?
a. myDBContext.Students.Add(new Student(){ StudentName = "newStudent" });
b. myDBContext.Add(new Student(){ StudentName = "newStudent" });
c. myDBContext.Students(new Student(){ StudentName = "newStudent" });
d. myDBContext.Set(new Student(){ StudentName = "newStudent" });

19: Which of the following is an example of explicit loading?
a. myDBcontext.Students(s => s.Standard).FirstOrDefault();
b. myDBcontext.Entry(studentEntity).Property("Standard").Load();
c. myDBcontext.Entry(studentEntity).Reference(s => s.Standard).Load();
d. myDBcontext.Students.FirstOrDefault().Standard;

20: An API that can be used to configure a Code First model is called:

a. Fluent API   b. CLR API   c. POCO API   d. T4 Template