



Advanced Topics in Internet Programming

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Time taken	12 mins 4 secs
Grade	12.50 out of 15.00 (83.33%)

Question 1

Correct

Mark 1.00 out of
1.00

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What's the meaning of the PUT method in an API:

Select one:

- a. Retrieve all data within API
- b. Delete data form api app
- c. Add new data to api app
- d. Retrieve specific data within API based on id
- e. Edit some data within an api app ✓

The correct answer is:

Edit some data within an api app

Question 2

Correct

Mark 1.00 out of
1.00

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Initial Catalog, in the connection string means:

Select one:

- a. authentication method
- b. table name
- c. Server name
- d. database name ✓

The correct answer is:

database name

Question

Rows within DB tables used to represent:

Question
3

Correct

Mark 1.00 out of 1.00

[Flag question](#)

rows within DB tables used to represent.

Select one:

- a. Records ✓
- b. SQL statements
- c. Fields
- d. DB Views
- e. Constraints

The correct answer is:
Records

Question
4

Correct

Mark 0.50 out of 0.50

[Flag question](#)

Which one of the following is not considered as DB engine:

Select one:

- a. MySQL
- b. SQL ✓
- c. Oracle
- d. SQLITE
- e. DB2
- f. SQL Server

The correct answer is:
SQL

Question
5

Incorrect

Mark 0.00 out of 0.50

[Flag question](#)

The main purpose of the Entity Framework is to:

Select one:

- a. Add the ability for developers to work on a model close to relational model as objects
- b. Allow developers to use objects and classes of the database itself ✗
- c. Used to build a dashboard apps for MVC apps and help in services within API apps
- d. Build an object database model to be used within MVC/API apps
- e. Convert DB and Tables into set of frameworks to be useful in development

The correct answer is:
Add the ability for developers to work on a model close to relational model as objects

Question 6

Correct

Mark 0.50 out of 0.50

[Flag question](#)

Integrated Security=True, in the connection string refers to:

Select one:

- a. SQL Server authentication
- b. Server name
- c. Windows Credentials authentication ✓
- d. Connection Timeout

The correct answer is:

Windows Credentials authentication

Question 7

Correct

Mark 1.00 out of 1.00

[Flag question](#)

What's the main purpose of the DB?

Select one:

- a. Can be represented using DB tables
- b. Serves as storage of some data and information ✓
- c. To migrate from one engine to another
- d. Introduces a model to represent data, like ER and ORM
- e. To exchange data from one machine to another

The correct answer is:

Serves as storage of some data and information

Question 8

Correct

Mark 1.00 out of 1.00

[Flag question](#)

What are the parameters used to set the Identity specification for a field(s) within a DB table;

Select one:

- a. Min and Max values
- b. auto-increment and step
- c. Value and Step
- d. Increment and Seed ✓
- e. Up and Down values

The correct answer is:

Increment and Seed

Question 9

Correct

Mark 1.00 out of 1.00

[Flag question](#)

Which one of the following is not correct about WEB APIs:

Select one:

- a. Contains Controller and Model classes
- b. Exchange data via some methods and attributes
- c. Needs an engine or interface app in order to be running
- d. Can deal with UI within the same app ✓
- e. The returned data can be in json file or xml file

The correct answer is:

Can deal with UI within the same app

Question 10

Correct

Mark 1.00 out of 1.00

[Flag question](#)

Which one of the following best describes fields within DB tables:

Select one:

- a. Fields used to fix constraints and indexes within DB tables
- b. Used to build the relations between tables
- c. Represents DB table structure ✓
- d. Fields can be primary keys or foreign keys
- e. Fields are part of SQL statements

The correct answer is:

Represents DB table structure

Question 11

Correct

Mark 1.00 out of 1.00

[Flag question](#)

What's the name of the class used to reflect the Database

Select one:

- a. DB Class
- b. DbSet
- c. DbContext ✓
- d. Table Class
- e. EntityFrameworkCore

The correct answer is: DbContext

Question 12

Correct

Mark 1.00 out of 1.00

[Flag question](#)

The server used to install EF packages, is:

Select one:

- a. DLL Server
- b. ORM Server
- c. Nuget Server ✓
- d. Private Server
- e. Microsoft Server

The correct answer is:

Nuget Server

Question 13

Correct

Mark 1.00 out of 1.00

[Flag question](#)

Which one of the following is not considered as a valid SQL server datatype:

Select one:

- a. sql_variant
- b. xml
- c. timestamp
- d. bool ✓
- e. image

The correct answer is:

bool

Question 14

Correct

Mark 1.00 out of 1.00

[Flag question](#)

What's the name of the file used to set the connection string parameters and values

Select one:

- a. appsetting.cs
- b. appsettings.Development.json
- c. appsettings.json ✓
- d. <YourProjectName>.csproj
- e. apsettings.mdf

The correct answer is: appsettings.json

Question 15

Incorrect

Mark 0.00 out of 1.00

[Flag question](#)

What's the name of the class used to reflect the DB Table

Select one:

- a. DbContext ✘
- b. DB Class
- c. Table Class
- d. EntityFrameworkCore
- e. DbSet

The correct answer is:

DbSet

Question 16

Incorrect

Mark 0.00 out of 1.00

[Flag question](#)

What are the correct steps in order to create a dashboard of a Database Table, using the same way in the class:

Select one:

- a. Create the DB, then the Model Class
- b. Create the Model class, then the DB and Controller ✘
- c. Create the DB, then the Model Class
- d. Create the Controller, then the Views and Model files
- e. Create the DB, then the Controller Class

The correct answer is:

Create the DB, then the Model Class

Question 17

Correct

Mark 0.50 out of 0.50

[Flag question](#)

The default DB instance in SQL Server is:

Select one:

- a. Localhost
- b. MSSQLLocalDB ✔
- c. MSServer
- d. MSSQLDB

The correct answer is:

MSSQLLocalDB

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