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Week3 Test

Python

1.

| The correct expression that follows the principles of good design: |
| --- |
|  |
|  |

1:

| file = open("my.txt","r") |
| --- |
| text = file.readlines() |

2:

| file = open("my.txt","r") |
| --- |
| text = file.readlines() |
| file.close() |

3

| file = open("my.txt","r") |
| --- |
| file.close() |
|  |

4.

| file = open("my.txt","r") |
| --- |
| text = file.read() |
| file.close() |

2.The short key to execute Python script in pycharm is:

1. Ctrl+Shift+F10

2.Ctrl+Shift+F9

3. Ctrl+Shift+Enter

4. Shift+Enter

3. while getting excel data, apart from pandas library which other library we need to import

1.openpxyl

2. openpyxl

3. open\_pyxl

4. xlrd

4. command to create application environment

1. jango-admin

2. admin-django

3. django-admin

4. django-administrator

5. In order to map url of index page, which command we should use

1. path('',name='index',views.index),

2. path('',index, name='index'),

3. path('index',index, name='index'),

4. path('',views.index, name='index'),

DBMS

1. What is the full form of DBMS?  
a) Data of Binary Management System  
b) Database Management System  
c) Database Management Service  
d) Data Backup Management System

2. What is a database?  
a) Organized collection of information that cannot be accessed, updated, and managed  
b) Collection of data or information without organizing  
c) Organized collection of data or information that can be accessed, updated, and managed  
d) Organized collection of data that cannot be updated

3. What is DBMS?  
a) DBMS is a collection of queries  
b) DBMS is a high-level language  
c) DBMS is a programming language  
d) DBMS stores, modifies and retrieves data

4. Who created the first DBMS?  
a) Edgar Frank Codd  
b) Charles Bachman  
c) Charles Babbage  
d) Sharon B. Codd

5. Which type of data can be stored in the database?  
a) Image oriented data  
b) Text, files containing data  
c) Data in the form of audio or video  
d) All of the above

Hibernate

Q 1 - What JDBC stands for?

A - Java DB Connectivity

B - Java Database Connectivity

C - Java Data Bind Connect

D - Java Data Bind Connector

Q 2 - Which of the following is the root node of hbm.xml file?

A - hibernate-mapping

B - hibernate-config

C - class-mapping

D - class-config

Q 3 - Which of the following is the root node of cfg.xml file?

A - hibernate-mapping

B - hibernate-configuration

C - class-mapping

D - class-config

Q4-Which of the following is not a core interface of Hibernate?

a)Configuration

b)Criteria

c)SessionManagement

d) Session

Q5- Which of the following is not a state of object in Hibernate?

a) Attached

b) Detached

c) Persistent

d) Transient

Spring

Q 1 - What is Dependency Injection?

A - It is a design pattern which implements Inversion of Control for software applications.

B - It is one of the spring module.

C - It is a technique to get dependencies of any project.

D - It is used to promote tight coupling in code.

Q 2 - What is singleton scope?

A - This scopes the bean definition to a single instance per Spring IoC container.

B - This scopes the bean definition to a single instance per HTTP Request.

C - This scopes the bean definition to a single instance per HTTP Session.

D - This scopes the bean definition to a single instance per HTTP Application/ Global session.

Q 3 - What is Advice?

A - This is the way to instruct object to behave in certain manner.

B - This is used to inject values in objects.

C - This is the actual action to be taken either before or after the method execution.

D - This is not invoked during program execution by Spring AOP framework.

Q 4 - Which ORM Spring supports ?

A – Hibernate

B – iBatis

C - JPA D - All of above.

E - None of above.

Q 5 - If a bean is created once per Ioc Container, scope is

A – singleton

B - global-session

C - prototype

D - reques