🕐 **34:55**   ⌃

Python Weekly Test (6th)

* Required

1. Write your name: *

   Enter your answer

2. Select the institute name: *

   ◯ NSTI CALICUT

   ◯ NSTI HOWRAH

   ◯ NSTI KOLKATA

   ◯ NSTI VIDYANAGAR

3. Which command is used for counting the number of rows in a database?
   (1 Point)

   ◯ row

   ◯ rowcount

   ◯ `count`

   ◯ row_count

4. Which of the following method sends HTML form data to the server?
   (1 Point)

   ◯ Get

○ Head

○ Post

○ Put

○ Delete

5. To render the contents of a block defined in the parent template, which of the following function is used?
   (1 Point)

○ {{ super() }}

○ {{ parent }}

○ Super {}

○ {Body()}

6. The route() decorator in Flask is used to _____.
   (1 Point)

○ bind URL to a function.

○ bind form to a function.

○ bind form to a table.

○ bind URL to table.

7. What is the maximum length of a Python identifier?
   (1 Point)

○ 32

○ 16

○ 128

○ No fixed length is specified.

8. All the CSS and JavaScript files are stored in which of the following folder?
   (1 Point)

○ Static

○ Component

○ Root

○ Config

9. What is WSGI in Flask?
   (1 Point)

○ Wide system gateway interface

○ Wide server gateway interface

○ Web system gateway interface

○ Web server gateway interface

10. Which of the following extension sends mail to the users/clients?
    (1 Point)

○ Mail

○ Flask mail

○ Mailtower

○ All of the above

11. To open a connector to Mysql database, which statement is used to connect with pymysql?
(1 Point)

○ connector

○ connect

○ password

○ username

12. Which connector is used for linking the database with Python code?
(1 Point)

○ PyMySQL-Connector

○ PostSQL: connector

○ YesSUL: Connector

○ None of the above

13. _____function is used to display the login page again when a login attempt fails.
(1 Point)

○ redirect() function

○ direct() function

○ Both A and B

○ None of the above

14. What is the default port for Flask?
    (1 Point)

    ◯ 8000

    ◯ 8080

    ◯ 3000

    ◯ 5000

15. What is the **type** of the results variable in the following code snippet?
    import sqlite3
    connection = sqlite3.connection("people.db")
    cursor = connection.cursor()
    cursor.execute("SELECT * FROM People")
    results = cursor.fetchall() (1 Point)

    ◯ QuerySet

    ◯ dict

    ◯ tuple

    ◯ list

16. The _____ method of request.cookies attribute is used to read a cookie.
    (1 Point)

    ◯ find()

    ◯ set()

    ◯ get()

    ◯ read()

17. Which of the following is the correct extension of Flask? (1 Point)

  ◯ .flask

  ◯ .py

  ◯ .python

  ◯ .flask_python

18. Which of the following method is used to render a template?
   (1 Point)

  ◯ render

  ◯ template_render()

  ◯ template

  ◯ render_template()

19. The Flask class's ____function is a decorator that instructs the application which URL should call the related function
   (1 Point)

  ◯ Route()

  ◯ Api()

  ◯ Name()

  ◯ None of these

20. The conditional statements if-else and endif are enclosed in delimiter ____?
   (1 Point)

○ [%..%]

○ (%..%)

○ {%..%}

○ None of the above

21. Which of the following are valid Cursor methods used to execute SQL
    statements and retrieve query results? Select all 3 that apply.
    (1 Point)

    ☐ Cursor.execute()

    ☐ Cursor.fetchone()

    ☐ Cursor.run()

    ☐ Cursor.fetchall()

    ☐ Cursor.fetchmany()

22. Looking at the code below, what would this line do?
    INSERT INTO Cats (name, breed) VALUES ('Petunia', 'American Shorthair')
    (1 Point)

    ○ Add a table to the Cats database with the name "Petunia" and breed "American
       Shorthair".

    ○ Add a row to the Cats table with the name "Petunia" and the breed "American
       Shorthair".

    ○ Create the table Cats.

    ○ Add a row to the Cats table with the name "American Shorthair" and the breed
       "Petunia".

23. Which of the following is the most often used approach and sends data to the server in an unencrypted format? (1 Point)

    ○ Get

    ○ Head

    ○ Post

    ○ Put

    ○ Delete

24. To run the application in Flask which of the following command is used?
    (1 Point)

    ○ Run flask

    ○ Run—flask

    ○ flask

    ○ Start-pythonflask

25. To execute all the rows from the result set, which method is used?
    (1 Point)

    ○ fetchmany

    ○ fetchno

    ○ fetchall

    ○ fetchone

26. Which architecture does Flask follows?
    (1 Point)

    ○ MVC

    ○ MVP

    ○ MVVM

    ○ MVT

27. Which of the following code snippets creates and connects to a new SQLite
    Database?
    (1 Point)

    ○ import sqlite3 /   connection = sqlite3.create("test_database.db")

    ○ from sqlite3 import Connection   /   connection =
      Connection("test_database.db")

    ○ import sql   /   connection = sql.connect("test_database.db")

    ○ import sqlite3   /   connection = sqlite3.connect("test_database.db")

28. What is the name of the SQL database the comes distributed with Python?
    (1 Point)

    ○ SQLite

    ○ PySQL

    ○ MySQL

    ○ PostgreSQL

29. Flask is a framework for ____
    (1 Point)

    ○ Web development

    ○ Mobile development

    ○ Database development

    ○ Cloud development

30.
    Flask is called a?
    (1 Point)

    ○ peraframework

    ○ miniframework

    ○ microframework

    ○ nanoframework

31. Which of the following are the benefits of using the Flask framework?
    (1 Point)

    ○ It is WSGI compliant.

    ○ It has vast third-party extensions.

    ○ It has an inbuilt development server.

    ○ All of the above

32. Flask works with most of the RDBMSs, such as?
    (1 Point)

○ SQLite

○ MySQL

○ PostgreSQL

○ All of the above

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