

**B. TECH-II(R-22)-SEM-II MID-II EXAMINATIONS**

**Subject: Python Programming(CS404PC)**

**Time: 10:00 AM to12:00 PM Date: 09-05-2025**

**Branch: CSE, IT Marks: 30M**

**PART-A 5x2 M=10 M**

1. What is thread? Write the difference between thread and process (CO3)

2.Describe about the Global Interpreter Lock in python? (CO3)

3**.** What is HTTP? Explain it. (CO4)

4.Explain the various methods of URL parse module? (CO4)

5. Write short notes on object relational managers (ORMs) (CO5)

**PART-B 4 x 5 M = 20 M**

6. Explain how to create multithreading program in python? (CO3)

7.What is the need of Tkinter module in python? (CO4)

8. Write a Python GUI program to add buttons in your application using tkinter module. (CO4)

9.What is CGI? Explain the overview of CGI in python. (CO4)

10. Discuss the SQL Commands/statements used for creating, using and dropping a database? (CO5)

11.Write a python script to perform the following: (CO5)

i) To connect to the MySQL database.

ii) To create the table



**PART-A**

|  |  |  |  |
| --- | --- | --- | --- |
| **SNO** | **THEORY** | **MARKS** | **TOTAL** |
| **1** | What is thread? Write the difference between thread and process | **2** | **2** |
| **2** | Describe about the Global Interpreter Lock in python? | **2** | **2** |
| **3** | What is HTTP? Explain it. | **2** | **2** |
| **4** | Explain the various methods of urlparse module? | **2** | **2** |
| **5** | Write short notes on object relational managers (ORMs). | **2** | **2** |

**PART-B**

|  |  |  |  |
| --- | --- | --- | --- |
| **SNO** | **THEORY** | **MARKS** | **TOTAL** |
| **6** | Explain how to create multithreading program in python? | **5** | **5** |
| **7** | What is the need of Tkinter module in python? | **5** | **5** |
| **8** | Write a Python GUI program to add a button in your application using tkinter module | **5** | **5** |
| **9** | What is CGI?Explain the overview of CGI in python. | **5** | **5** |
| **10** | Discuss the SQL Commands/statements used for creating, using and dropping a database | **5** | **5** |
| **11** | Write a python script to perform the following:  i) To connect to the MySQL database. | **3** | **5** |
| ii) To create the table. | **2** |