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**Date: 29-01-2021.**

**II.B.TECH- II-SEM (R22)-I MID Examinations-April-2024 Date: 19/04/2024**

**Subject:** **Python Programming** **Time:01:00 TO 03:00 PM**

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

# *Answer all Questions in Part -A & Answer any FOUR Questions in Part -B*

# PART-A 5x2=10M

|  |  |  |  |
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|  |  | **BTL** | **CO** |
| **1.** | Explain built in function in python? | 1 | 1 |
| **2.** | List out the main differences between list and tuples? | 1 | 3 |
| **3.** | What is pickling? | 2 | 2 |
| **4.** | What is an Exception? | 1 | 4 |
| **5.** | What is Regular Expression? | 1 | 3 |

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

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **BTL** | **CO** |
| **6.** | What is operator? Explain various types of operators in details with appropriate example? with program | 2 | 1 |
| **7.** | a) Write a python program to find given integer is even or odd | 2 | 1 |
|  | b) How does try-except statement work? Demonstrate with an example python code? with program example | 1 | 1 |
|  |  |  |  |
| **8.** | What is Tuple and Set types in python statements explain all methods in detail with program? | 6 | 3 |
|  |  |  |  |
| **9.** | Define Module? Write about importing modules and module attributes with example program? | 1 | 4 |
|  |  |  |  |
| **10.** | Illustrate common regular expression symbols and special characters used in python with program. | 1 | 3 |
| **11.** | Explain String typesand built in function in python with program. |  |  |