

Code No.: CS404PC

R20

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CMR ENGINEERING COLLEGE: HYDERABAD
UGC AUTONOMOUS
II-B.TECH-II-Semester End Examinations (Regular) - June- 2022
PYTHON PROGRAMMING
(Common to CSE,IT)

[Time: 3 Hours]

[Max. Marks: 70]

- Note:** 1. Answer any FIVE questions. Each question carries 14 marks.
2. All questions carry equal marks.
3. Illustrate your answers with NEAT sketches wherever necessary.

5X14=70

1. a) Illustrate tuples in Python with an examples. [7M]
b) Write a Python program to check whether 1 to N numbers are divisible by 5 using loop. [7M]
2. a) Distinguish between user defined and raising exceptions. [7M]
b) Discuss file handling in Python. How to perform open, read, write, and close operations in a text file. [7M]
3. a) Write short notes on multi threaded programming in Python. [7M]
b) Write a short on special symbol and characters in Python. [7M]
4. a) Describe about tkinter pragmatics. [7M]
b) Define Socket. Write a program to retrieve an image over HTTP. [7M]
5. a) Explain the usage of connection and cursor objects used in DB-API [7M]
b) Write short notes on benefits of Python for database programming. [7M]
6. a) Write a Python script to perform swapping of two numbers without using third variable. [7M]
b) Explain different operators used in Python programming with an example. [7M]
7. a) Discuss Exceptions and Assertions in Python. How to handle Exceptions with try-except? [7M]
b) Write a program to catch a Divide by zero exception. Add a finally block too. [7M]
8. a) Discuss Global Interpreter Lock in detail. [7M]
b) Briefly explain threads and process used in Python. [7M]
