

Code No.: CY503PC

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CMR ENGINEERING COLLEGE: : HYDERABAD

UGC AUTONOMOUS

III–B.TECH–I–Semester End Examinations (Supply) - December- 2025

PYTHON PROGRAMMING

(CSC)

[Time: 3 Hours]

[Max. Marks: 70]

Note: This question paper contains two parts A and B.

Part A is compulsory which carries 20 marks. Answer all questions in Part A.

Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks.

PART-A

(20 Marks)

1. a) Define python object. [2M]
- b) Illustrate list in python. [2M]
- c) What is an exception and when it is created? [2M]
- d) Define package and how to import it? [2M]
- e) Define regular expression. [2M]
- f) What is thread? [2M]
- g) Write about Tkinter and its importance. [2M]
- h) Name the modules that support web programming in python. [2M]
- i) What is data base programming? [2M]
- j) Write about modules used in data base programming. [2M]

PART-B

(50 Marks)

2. Explain built in data types of python. [10M]

OR

3. Write a python program to print Fibonacci series up to n terms. [10M]

4. Write a python program to append data to an existing file “abc.py”. Read data to be appended from user and display the contents of entire file. [10M]

OR

5. Write about detecting and handling exceptions with example. [10M]

6. Explain Regular Expression in python with special symbols and characters with examples. [10M]

OR

7. Develop chat application using multithreading in python. [10M]

8. Demonstrate the creation of any two widgets using Tkinter. [10M]

OR

9. Write GUI program using Tkinter which handle the button click event. [10M]

10. Write about Database Application Programming Interface (DB-API). [10M]

OR

11. Discuss about Object Relational Managers. [10M]
