Code No.: CY503PC

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CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS
III–B.TECH–I–Semester End Examinations (Supply) – June - 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 it is important.   [2M]
   e) Define regular expression.   [2M]
   f) What is thread in python?   [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) What is data base programming in python?   [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   [10M]
    appended from user and display the contents of entire file.

OR

5. Write about exception in python and explain with example.   [10M]

6. Explain inheritance in python and its types with example.   [10M]

OR

7. Explain multithreading in python with example.   [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]

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