

R18

Code No: 157EY

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year I Semester Examinations, February/March - 2022

PYTHON PROGRAMMING

(Common to CE, ME, ECE, EIE, MMT)

Time: 3 Hours

Max. Marks: 75

Answer any five questions
All questions carry equal marks

- 1.a) Does Python support multiple assignment? Justify your answer.
- b) List the basic style guidelines of Python. [7+8]
- 2.a) Discuss about complex numbers and operators for them.
- b) With the help of a flowchart discuss numeric coercion rules. [8+7]
3. Write a program to append the content of the first file to the second file. Read the file names as command line arguments. [15]
- 4.a) How to handle Zero Division Error? Explain with suitable code.
- b) What is a namespace? Compare it with variable scope, packages. [7+8]
5. Illustrate common regular expression symbols and special characters used in Python for string matching. [15]
- 6.a) How to access threads from Python?
- b) What is reentrant lock object? Discuss its use in a program. [7+8]
7. Write Python script to perform authentication for HTTP client request and explain working of your script. [15]
8. Write a Python program to access the bill details of a customer by accepting customer ID from user. Database table will have customer bill details along with customer ID. [15]

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