



ACE
Engineering College
(with a Difference in Excellence)

An AUTONOMOUS Institution

Question Paper Code:

CS310PC

ACE-R20

Semester Supplementary Examination
II B. Tech- I Semester- SEPTEMBER-2022
ADVANCED PYTHON PROGRAMMING
(Common to CSM,CSD,CSO)

Time: 3 Hours

Max. Marks: 70

H. T. No

Answer any 5 Questions out of 8 Questions from the following

Q.No	Question	Marks
1.	Write a multithread program to create 3 threads where one thread calculates the factorial and second thread calculates square and third thread calculates the summation of a list of numbers ?	14
2.	Write the steps to create Database connection using python with example ?	14
3. a)	How to Navigate the document in xml?	7
3. b)	What are the differences between JSON vs XML ?	7
4. a)	How computations can be implemented on numpy arrays explain with example ?	7
4. b)	Differentiate between numpy and scipy ?	7
5.	Explain Data Indexing, Selection, and Filtering in Pandas?	14
6.	How to analyze the data visualization explain it clearly?	14
7.	Explain about Web (HTTP) Servers with the help of program	14
8.	How Events and bindings performed in python explain with example	14