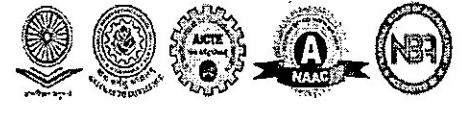




ACE
Engineering College
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An AUTONOMOUS Institution



Question Paper Code:

CS310PC

ACE-R20

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

Time: 3 Hours

Max. Marks: 70

H. T. No									
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Answer any 5 Questions out of 8 Questions from the following

Q.No	Question	Marks
1.	Explain regular expression Functions with examples	14
2.	What is Multithreading? Discuss about starting a new thread	14
3.	What is the difference between XML DOM and SAX Parsers?	14
4. a)	What is Serializing and Deserializing in JSON	7
b)	Explain The Global Interpreter Lock clearly?	7
5. a)	Describe different methods of creating numpy arrays	7
b)	Discriminate between numpy and scipy?	7
6.	With appropriate examples explain about slicing and sorting using numpy?	14
7. a)	Explain Series and Data Frames in Pandas?	7
b)	How do we visualize data in matplotlib?	7
8. a)	Discuss about Tkinter widgets?	7
b)	Explain CGI to process client data in python	7