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Codo	e No: 137GD	R16
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD		
B. Tech IV Year I Semester Examinations, December - 2019		
A Time Note:	PYTHON PROGRAMMING (Common to CSE, IT) Max This question paper contains two parts A and B.	X. Marks: 75
	Part A is compulsory which carries 25 marks. Answer all questions in consists of 5 Units. Answer any one full question from each unit. Each questions and may have a, b as sub questions.	
AG	AG AG ART-A AG AC	(25/Marks)
1.a)	State any four applications where python is more popular.	[2]
b)	List out the main differences between lists and tuples.	[3]
c)	What are the uses of File object?	[2]
d)	Give a brief description of several Built-in attributes related to File objects.	[3]
\triangle ($\stackrel{\cdot}{=}$ e)	Summarize the purpose of pipe and dot symbols used for pattern matching.	
/ \\f)	Explain the basic functionality of match() function.	∠ [3] \
g)	What is the need of Tkinter module in python?	[2] [3]
h)	How to create Label widget in Python? State the need of persistent storage.	[2]
i) .j)	Discuss the SQL commands/statements used for creating, using and droppi	
3)	Disouss the SQL community statements used for creaming, assuig and arepre-	[3]
AG	AG AG APART-B AG AC	
2.a)	How to declare and call functions in Python programs? Illustrate with an ex	xample script.
b)	List and explain few most commonly used built-in types in python.	[5+5]
	OR	
3.	Summarize various operators, built-in functions and standard library mo	F 1 0 7
$\Lambda \cap$	with Python's numeric type.	
	Explain the following file built-in functions and method with clear syntax	description and
4.	illustration:	, acsoription and
	a) open() b) file() c) seek() d) tell() e)read()	[10]
	OR	n aada
5.a)	How does try-except statement work? Demonstrate with an example pytho. Illustrate the concept of importing module attributes in python scripts.	[5+5]
(b)	mustrate the concept of importing module attributes in python soripis.	
/ \ \\	Examine how python supports regular expressions through the re' mo	odule with brief
	introduction and various built-in methods related to it.	[10]
	OR set	
7.a) What is the motivation behind parallelism and state how python achieves parallelism?		
b) ·	Explain briefly about thread and threading module objects in Python.	[3+7]
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