

CONTINUOUS INTERNAL EVALUATION- II

Dept:CSE	Sem / Div: 5/ A & B	Sub: Application Development using Python	S Code:18CS55
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Date:03/12/2020	Time: 9:30-11:00 AM	Max Marks: 50	Elective:N
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Note: Answer any 2 full questions, choosing one full question from each part.

Q N	Questions	Marks	RBT	Cos
PART A				
1 a	What is regular expression? Explain how you can create regular expression for Phone number and E-mail address, with an example.	9	L3	CO3
b	Explain greedy and non-greedy matching with example.	8	L2	CO3
c	Explain files and paths. Differentiate Absolute Vs Relative paths with example.	8	L2	CO3
OR				
2 a	What are Assertions? Explain in detail, also explain how assertions can be used in Traffic Light Simulation.	9	L3	CO3
b	What is a character class? Explain Findall() method	8	L2	CO3
c	Explain how you can read the contents of a file and write to files.	8	L2	CO3
PART B				
3 a	How a class can be instantiated in python? Write a python program to return instances as return values to define the class RECTANGLE, and find the area.	9	L3	CO4
b	What is class? How to define class in python? How class members are accessed?	8	L2	CO4
c	Explain __init__ method and __str__ method with example.	8	L2	CO4
OR				
4 a	Differentiate pure functions with modifiers with an example program in detail.	9	L3	CO4
b	What is the difference between method and function? Explain with an example.	8	L2	CO4
c	Explain type-based dispatch and Polymorphism.	8	L2	CO4