

Hall Ticket No:

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Question Paper Code: 22MCAP101

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE
(UGC-AUTONOMOUS)**MCA I Year I Semester (R22) Supplementary End Semester Examinations, March - 2025**
PYTHON PROGRAMMING**Time: 3Hrs****Max Marks: 60**

Attempt all the questions. All parts of the question must be answered in one place only.
In Q.no 1 to 5 answer either A or B only

Q.No	Question	Marks	CO	BL
Q.1(A)	Explain the various data types available in Python	12M	1	2
OR				
Q.1(B)	(i). Describe break and continue statements with proper examples	6M	1	2
	(ii). Develop Python scripts for the following			
	1. To convert the given Centigrade/Celsius temperature into Fahrenheit	6M	1	4
	2. To generate multiplication table for the given number with terms			
Q.2(A)	What are the different types of functions? Explain with examples	12M	2	2
OR				
Q.2(B)	Develop Python scripts for the following using User Defined Functions			
	a. To check the given number is Prime or not	6M	2	4
	b. To check the given number is odd or even	6M	2	4
Q.3(A)	Elaborate on			
	a. Format function	6M	3	2
	b. Multiple inputs using split function	6M	3	2
OR				
Q.3(B)	Explain the tuple operations and function with examples	12M	3	2
Q.4(A)	Describe the list comprehensions using for, for with if and for with if else.	12M	4	2
OR				
Q.4(B)	a. Explain about dictionary comprehensions with if	6M	4	2
	b. Write a program to illustrate about the file position.	6M	4	4
Q.5(A)	Write a note on			
	a. Multiple exceptions	6M	5	2
	b. User defined exceptions	6M	5	2
OR				
Q.5(B)	a. Illustrate how objects can be created for a particular class in python with the help of a program.	8M	5	3
	b. Write a note on super function.	4M	5	2

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