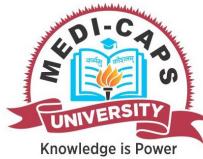


Enrollment No.....



**Faculty of Science/Engineering  
End Sem Examination Dec 2024**

**CA3EL06 Python Programming**

Programme: BCA/BCA-MCA  
(Integrated)

Branch/Specialisation:  
Computer Application

**Maximum Marks: 60****Duration: 3 Hrs.**

Note: All questions are compulsory. Internal choices, if any, are indicated. Answers of Q.1 (MCQs) should be written in full instead of only a, b, c or d. Assume suitable data if necessary. Notations and symbols have their usual meaning.

	Marks	BL	PO	CO	PSO
Q.1 i. What is the output of this expression, print (2**0)?	<b>1</b>				
(a) 1            (b) 0            (c) 2            (d) 3		01	01	01	
ii. Which one is python membership operator?	<b>1</b>				
(a) Not            (b) And            (c) Or            (d) in		01	01	01	
iii. In tuple, if we assign the value without comma it is treated as-	<b>1</b>				
(a) String		03	02	01	
(b) Decimal					
(c) Integer					
(d) None of these					
iv. What will be the output of following snippet- v=[1,2,3,4,5] print(v [3:0:-1])	<b>1</b>				
(a) Syntax error		04	02	03	
(b) [4,3,2]					
(c) [4,3]					
(d) [4,3,2,1]					
v. What will be the output of following snippet:- X=10 While(x>0) X - = 3 Print(x, end=" ")	<b>1</b>				
(a) 7 4 1            (b) 7 5 2 0		04	02	03	
(c) 7 4 1 -2 -5            (d) 7 4 1 -2 -5					



**Marking Scheme**  
**CA3EL06 (T) Python Programming (T)**

Q.1	i) (a) 1 ii) (d)in iii) (d) None of these iv) (b) [4,3,2] v) (c) 7 4 1 -2 vi) (a) 000 012 024 vii) (c) Any number of viii) (c) def ix) (b) outfile = open("c:\\scores.txt", "w") x) (d) More than zero	1 1 1 1 1 1 1 1 1 1
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Q.2	i. 2 marks for at least 3 feature. ii. 6 Marks for difference and 2 Marks for example.	2 8
OR	iii. 2 Marks for what is operator and 1.5 for each operator explanation.	8

Q.3	i. 2 marks for any three built in functions of python list. ii. 2 Marks for what is tuple, 2 marks for use of tuple() constructor works in python and 4 marks for program as an example.	2 8
OR	iii. What is Dictionary? Write a program to Concatenate Two Dictionaries into One.	8

Q.4	i. 1 Mark for Explain range function and 2 marks for example of two and three parameters. ii. 3 Marks for explain while loop and 4 marks for a python program to print the following pattern using loop.	3 7
OR	iii. 5 marks for demonstrate break and continue and 2 marks for pass statement with example.	7

Q.5	i. 1 Marks for what is function and	4
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iii.	3 Marks for Demonstrate the use of args and kwargs with example.	
ii.	2 Marks for how recursive function works and 4 marks for a program to generate Fibonacci series using recursion.	6
OR	iii. 2 marks for describe random module and 4 marks for program to generate random number.	6
Q.6	i. 2.5 marks for code of read file and 2.5 marks for write file data in python.	5
	ii. 5 marks for explaining any 5 file operations of python with syntax and example.	5
	iii. 2 marks for what is exception handling and 3 marks for Write a program to demonstrate try with else clause.	5

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