

Selvam College Of Technology, Namakkal (Autonomous)

IT Support & Development Training Programme (ISDTP)



	(10511)				
Worksheet - 8 (Tuple-2)					
Bundle &	Intermediate Bundle V2				
Subject	(2025) - Python	Semester	IV		
Name	Programming V2				

Answer Key

- 1. Which of the following is a correct way to convert the result of zip() into a list?
 - A) list(zip(a, b))

B) tuple(zip(a, b))

C) zip(a, b)

D) set(zip(a, b))

Ans: A) list(zip(a, b))

2. What type of object is returned by the zip() function in Python?

A) List

B) Dictionary

C) Zip object (an iterator)

D) Tuple

Ans: C) Zip object (an iterator)

- 3. Which of the following is true about the function passed to map()?
 - A) It can only be a built-in function
 - B) It can be any callable function
 - C) It must be a lambda function
 - D) It must be a predefined function

Ans: B) It can be any callable function

- 4. What is the primary difference between a list and a tuple in terms of their elements?
 - A) Lists can contain different data types, but tuples cannot
 - B) Lists are mutable, while tuples are immutable
 - C) Tuples can contain only integers, while lists can contain other types
 - D) Lists are faster for iteration than tuples

Ans: B)) Lists are mutable, while tuples are immutable

	5.	What does the function passed to filter() need to return?			
		A) A boolean value (True or False)	B) A string		
		C) A list	D) An integer		
		Ans: A) A boolean value (True or Fals	e)		
	6.	What is the default separator used by the split() method if no separator is specified?			
		A) Comma	B) Semicolon		
		C) Space (whitespace)	D) Period		
		Ans: C) Space (whitespace)			
	7.	What is the correct syntax for using the join() method?			
		A) join(iterable, separator)	B) separator.join(iterable)		
		C) separator.iterable()	D) join(separator, iterable)		
		Ans: B) separator.join(iterable)			
8.		What happens if you try to evaluate an invalid expression with eval()?			
		A) It raises a TypeError	B) It raises a SyntaxError		
		C) It returns None	D) It returns False		
		Ans: B) It raises a SyntaxError			
9.		What does the all() function return if the iterable is empty?			
		A) False	B) True		
		C) None	D) Error		
		Ans: B) True			
	10.	Which of the following is the correct method to concatenate two tuples			
		in Python?			
		A) tuple1 + tuple2	B) tuple1.append(tuple2)		
		C) tuple1.extend(tuple2)	D) tuple1.concat(tuple2)		

Ans: A) tuple1 + tuple2