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CS306P Lab Quiz No. 1 – 8

Merged By: **LGWT**

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Quiz Spring 2026

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Quiz Spring 2026

LAB - Quiz No. 1

Subject: CS306P

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BC2

Time Left 72
sec(s)

CS306P – Introduction to Python (Practical) (Attendance Quiz # 01
(Non-graded))

Quiz Start Time: 06:21 AM, 07 May 2026

Question # 1 of 10 (Start time: 06:21:44 AM, 07 May 2026)

Total Marks: 1

What does the modulus (%) operator return?

Select the correct option

 Reload Math Equations

☐	Sum
☒	Remainder
☐	Quotient
☐	Power

B

Time Left 74
sec(s)

CS306P - Introduction to Python (Practical) (Attendance
Quiz # 01 (Non-graded))

Quiz Start Time: 06:21 AM, 07 May 2026

Question # 2 of 10 (Start time: 06:22:05 AM, 07 May 2026)

Total Marks: 1

In Python user-defined functions, what does the return keyword do?

Select the correct option

 Reload Math Equations

☐	It stops the program execution
☐	It defines a function
☐	It prints output to the console
☒	It sends the result back to the caller function

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BI

Time Left 77
sec(s)

CS306P - Introduction to Python (Practical) (Attendance
Quiz # 01 (Non-graded))

Quiz Start Time: 06:21 AM, 07 May 2026

Question # 3 of 10 (Start time: 06:22:24 AM, 07 May 2026)

Total Marks: 1

What will be the output of below code?

```
total = 0
for i in range(1, 3):
    total += i
print(total)
```

Select the correct option

 Reload Math Equations

☒	3
☐	2
☐	5
☐	6

E

Time Left 80
sec(s)

CS306P - Introduction to Python (Practical) (Attendance
Quiz # 01 (Non-graded))

Quiz Start Time: 06:21 AM, 07 May 2026

Question # 4 of 10 (Start time: 06:22:40 AM, 07 May 2026)

Total Marks: 1

Which of the following is the correct logical NOT operator in Python?

Select the correct option

 Reload Math Equations

☒	not
☐	NOT
☐	~
☐	!

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BC

Time Left 81
sec(s)

CS306P - Introduction to Python (Practical) (Attendance
Quiz # 01 (Non-graded))

Quiz Start Time: 06:21 AM, 07 May 2026

Question # 5 of 10 (Start time: 06:22:55 AM, 07 May 2026)

Total Marks: 1

Which of the following is a conditional statement in Python?

Select the correct option

 Reload Math Equations

☐	choose
☒	if-elif-else
☐	when-case
☐	check-then

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Time Left 77
sec(s)

CS306P - Introduction to Python (Practical) (Attendance
Quiz # 01 (Non-graded))

Quiz Start Time: 06:21 AM, 07 May 2026

Question # 6 of 10 (Start time: 06:23:07 AM, 07 May 2026)

Total Marks: 1

What is the output of "hello world".upper()?

Select the correct option

 Reload Math Equations

☐	Hello World
☐	hello World
☒	HELLO WORLD
☐	Hello world

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BC:

Time Left 79
sec(s)

CS306P - Introduction to Python (Practical) (Attendance
Quiz # 01 (Non-graded))

Quiz Start Time: 06:21 AM, 07 May 2026

Question # 7 of 10 (Start time: 06:23:24 AM, 07 May 2026)

Total Marks: 1

What does the len("Python") return?

Select the correct option

 Reload Math Equations

☐	7
☐	5
☐	8
☒	6

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BC

Time Left 81
sec(s)

CS306P - Introduction to Python (Practical) (Attendance
Quiz # 01 (Non-graded))

Quiz Start Time: 06:21 AM, 07 May 2026

Question # 8 of 10 (Start time: 06:23:38 AM, 07 May 2026)

Total Marks: 1

Which method converts "bachelor of science" to "Bachelor Of Science"?

Select the correct option

 Reload Math Equations

☐	capitalize()
☐	upper()
☐	format()
☒	title()

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B(

Time Left 80
sec(s)

CS306P - Introduction to Python (Practical) (Attendance
Quiz # 01 (Non-graded))

Quiz Start Time: 06:21 AM, 07 May 2026

Question # 9 of 10 (Start time: 06:23:51 AM, 07 May 2026)

Total Marks: 1

Which symbol represents a newline in Python strings?

Select the correct option

 Reload Math Equations

☒	<code>\n</code>
☐	<code>\\</code>
☐	<code>\t</code>
☐	<code>/n</code>

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BI

Time Left 77
sec(s)

CS306P - Introduction to Python (Practical) (Attendance
Quiz # 01 (Non-graded))

Quiz Start Time: 06:21 AM, 07 May 2026

Question # 10 of 10 (Start time: 06:24:04 AM, 07 May 2026)

Total Marks: 1

What is the output of below code?

```
print("i love python and java and AI.".count("and"))
```

Select the correct option

 Reload Math Equations

☐	1
☐	4
☐	3
☒	2



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Quiz Spring 2026

Lab - Quiz No. 2

Subject: CS306P

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E

Time Left 82
sec(s)

CS306P - Introduction to Python (Practical) (Attendance
Quiz # 02 (Non-graded))

Quiz Start Time: 05:43 AM, 15 May 2026

Question # 6 of 10 (Start time: 05:45:23 AM, 15 May 2026)

Total Marks: 1

Which keyword defines a function in Python?

Select the correct option

 Reload Math Equations

☐	define
☐	func
☐	def
☒	method

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Time Left 81
sec(s)

CS306P - Introduction to Python (Practical) (Attendance
Quiz # 02 (Non-graded))

Quiz Start Time: 05:43 AM, 15 May 2026

Question # 2 of 10 (Start time: 05:44:13 AM, 15 May 2026)

Total Marks: 1

Which loop is used to run a fixed number of times?

Select the correct option

 Reload Math Equations

☐	while
☐	switch
☐	if
☒	for

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E

Time Left 75
sec(s)

CS306P - Introduction to Python (Practical) (Attendance
Quiz # 02 (Non-graded))

Quiz Start Time: 05:43 AM, 15 May 2026

Question # 3 of 10 (Start time: 05:44:25 AM, 15 May 2026)

Total Marks: 1

Which operator will reduce a variable's value?

Select the correct option

 Reload Math Equations

☒	--
☐	+=
☐	*=
☐	==

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B

Time Left 72
sec(s)

CS306P - Introduction to Python (Practical) (Attendance
Quiz # 02 (Non-graded))

Quiz Start Time: 05:43 AM, 15 May 2026

Question # 7 of 10 (Start time: 05:45:36 AM, 15 May 2026)

Total Marks: 1

What is the output of below code?

```
print("i love python and java and AI.".count("and"))
```

Select the correct option

 Reload Math Equations

☒	2
☐	4
☐	3
☐	1

Time Left 74
sec(s)

CS306P - Introduction to Python (Practical) (Attendance
Quiz # 02 (Non-graded))

Quiz Start Time: 05:43 AM, 15 May 2026

Question # 4 of 10 (Start time: 05:44:48 AM, 15 May 2026)

Total Marks: 1

Which keyword is used in Python for decision making?

Select the correct option

 Reload Math Equations

☐	switch
☐	loop
☒	if
☐	jump

Time Left 83
sec(s)

CS306P - Introduction to Python (Practical) (Attendance
Quiz # 02 (Non-graded))

Quiz Start Time: 05:43 AM, 15 May 2026

Question # 5 of 10 (Start time: 05:45:12 AM, 15 May 2026)

Total Marks: 1

Why do developers commonly use Visual Studio Code?

Select the correct option

 Reload Math Equations

☐	For video editing
☐	For web browsing
☐	For data storage
☒	For writing and running code

E

Time Left 82
sec(s)

CS306P - Introduction to Python (Practical) (Attendance
Quiz # 02 (Non-graded))

Quiz Start Time: 05:43 AM, 15 May 2026

Question # 8 of 10 (Start time: 05:45:57 AM, 15 May 2026)

Total Marks: 1

The logical AND operator in Python is written as:

Select the correct option

 Reload Math Equations

☐	
☐	AND
☒	and
☐	&&

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BC

Time Left 83
sec(s)

CS306P - Introduction to Python (Practical) (Attendance
Quiz # 02 (Non-graded))

Quiz Start Time: 05:43 AM, 15 May 2026

Question # 9 of 10 (Start time: 05:46:08 AM, 15 May 2026)

Total Marks: 1

What does the strip() method do in Python?

Select the correct option

 Reload Math Equations

☐	Replaces all spaces with tabs
☐	Converts lowercase to uppercase
☒	Removes leading and trailing whitespace
☐	Removes all occurrences of a character

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E

Time Left 77
sec(s)

CS306P - Introduction to Python (Practical) (Attendance
Quiz # 02 (Non-graded))

Quiz Start Time: 05:43 AM, 15 May 2026

Question # 10 of 10 (Start time: 05:46:18 AM, 15 May 2026)

Total Marks: 1

Which of the following is a conditional statement in Python?

Select the correct option

 Reload Math Equations

☐	when-case
☐	choose
☐	check-then
☒	if-elif-else

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Time Left 73 sec(s)

CS306P - Introduction to Python (Practical) (Attendance Quiz # 02 (Non-graded))

Quiz Start Time: 05:43 AM, 15 May 2026

Question # 1 of 10 (Start time: 05:43:52 AM, 15 May 2026)

Total Marks: 1

Which of the following is a valid Python print statement to display "Hello"?

Select the correct option

 Reload Math Equations

☒	<code>print("Hello")</code>
☐	<code>show("Hello")</code>
☐	<code>echo("Hello")</code>
☐	<code>Print("Hello")</code>



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Quiz Spring 2026

LAB – Quiz No. 3

Subject: CS306P

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Question # 1 of 10 (**Start time: 05:54:00 AM, 21 May 2026**)

Total Marks: 1

What is a key characteristic of a recursive function?

Select the correct option



Reload Math Equations

☐	It returns a tuple
☐	It always use lambda
☒	It calls itself within its body
☐	It contains a while loop

Question # 2 of 10 (**Start time: 05:54:24 AM, 21 May 2026**)

Total Marks: 1

Which method is used to convert a string like "muhammad ali" to "Muhammad Ali"?

Select the correct option



Reload Math Equations

☐	propercase()
☐	capitalize()
☒	title()
☐	upper()

CS306P – Introduction to Python (Practical)
(Attendance Quiz # 03 (Non-graded))

Quiz Start Time: 05:53 AM, 21 May 2026

Question # 3 of 10 (Start time: 05:54:38 AM, 21 May 2026)

Total Marks: 1

Why do developers commonly use Visual Studio Code?

Select the correct option

 Reload Math Equations

☐	For video editing
☐	For data storage
☒	For writing and running code
☐	For web browsing

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Question # 4 of 10 (**Start time: 05:54:52 AM, 21 May 2026**)

Total Marks: 1

Which symbol represents a newline in Python strings?

Select the correct option



Reload Math Equations

☐	<code>\t</code>
☒	<code>\n</code>
☐	<code>\\</code>
☐	<code>/n</code>

CS306P – Introduction to Python (Practical)
(Attendance Quiz # 03 (Non-graded))

Quiz Start Time: 05:53 AM, 21 May 2026

Question # 5 of 10 (**Start time: 05:55:04 AM, 21 May 2026**)

Total Marks: 1

What does the len("Python") return?

Select the correct option



Reload Math Equations

☐	7
☐	8
☐	5
☒	6

Question # 6 of 10 (**Start time: 05:55:17 AM, 21 May 2026**)

Total Marks: 1

Which method converts "bachelor of science" to "Bachelor Of Science"?

Select the correct option



Reload Math Equations

☐	capitalize()
☐	format()
☐	upper()
☒	title()

Question # 7 of 10 (**Start time: 05:55:29 AM, 21 May 2026**)

Total Marks: 1

Which method checks how many times a word appears in a string?

Select the correct option



Reload Math Equations

☐	find()
☐	index()
☐	match()
☒	count()

Question # 8 of 10 (**Start time: 05:55:39 AM, 21 May 2026**)

Total Marks: 1

If `skills = "Python|Java|C++|Machine Learning"`, what is the result of `skills.split("|")`?

Select the correct option



Reload Math Equations

☐	Python
☐	Python, Java
☒	Python, Java, C++, Machine Learning
☐	Python, Java, C++

CS306P - Introduction to Python (Practical)
(Attendance Quiz # 03 (Non-graded))

Quiz Start Time: 05:53 AM, 21 May 2026

Question # 9 of 10 (Start time: 05:55:48 AM, 21 May 2026)

Total Marks: 1

What does `skills.split("|")` return if `skills = "Python|Java|SQL"`?

Select the correct option



Reload Math Equations

☐	"Python Java SQL"
☒	['Python', 'Java', 'SQL']
☐	('Python', 'Java', 'SQL')
☐	['P', 'y', 't', 'h', 'o', 'n']

Question # 10 of 10 (Start time: 05:56:00 AM, 21 May 2026)

Total Marks: 1

What will be the output of below code?

```
total = 0
for i in range(1, 3):
    total += i
print(total)
```

Select the correct option



Reload Math Equations

☐	5
☒	3
☐	2
☐	6



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Quiz Spring 2026

Lab – Quiz No. 4

Subject: CS306P

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Question # 1 of 10 (**Start time: 05:16:06 AM, 25 May 2026**)

Total Marks: 1

Which key function allows sorting a list of numbers based on absolute value?

Select the correct option



Reload Math Equations

☒	key=abs
☐	key=float
☐	key=int
☐	key=str

Question # 2 of 10 (**Start time: 05:16:26 AM, 25 May 2026**)

Total Marks: 1

Which of the following removes the last element of a list?

Select the correct option



Reload Math Equations

☐	<code>list.remove()</code>
☒	<code>list.pop()</code>
☐	<code>list.clear()</code>
☐	<code>del list[0]</code>

Question # 3 of 10 (**Start time: 05:16:54 AM, 25 May 2026**)

Total Marks: 1

Which operator is used to check if a number is even?

Select the correct option



Reload Math Equations

☐	**
☒	%
☐	//
☐	/

Question # 4 of 10 (**Start time: 05:17:10 AM, 25 May 2026**)

Total Marks: 1

The logical OR operator in Python is written as:

Select the correct option



Reload Math Equations

☐	
☒	or
☐	OR
☐	&&

Question # 5 of 10 (**Start time: 05:17:22 AM, 25 May 2026**)

Total Marks: 1

What is the output of below code?

```
print("i love python and java and AI.".count("and"))
```

Select the correct option



Reload Math Equations

☐	3
☐	4
☒	2
☐	1

Question # 6 of 10 (**Start time: 05:17:35 AM, 25 May 2026**)

Total Marks: 1

How many times does below loop execute?

```
for i in range(1, 21):
```

Select the correct option



Reload Math Equations

☐	22
☒	20
☐	19
☐	21

Question # 7 of 10 (**Start time: 05:18:25 AM, 25 May 2026**)

Total Marks: 1

What is the output of "hello world".upper()?

Select the correct option



Reload Math Equations

☐	Hello World
☐	Hello world
☐	hello World
☒	HELLO WORLD

Question # 8 of 10 (**Start time: 05:18:50 AM, 25 May 2026**)

Total Marks: 1

Which method checks how many times a word appears in a string?

Select the correct option



Reload Math Equations

☐	find()
☒	count()
☐	index()
☐	match()

Question # 9 of 10 (**Start time: 05:19:02 AM, 25 May 2026**)

Total Marks: 1

what is the result of participants[0] if participants = [('Zara', 85), ('Ahmed', 90)]?

Select the correct option



Reload Math Equations

☐	'Zara'
☒	('Zara', 85)
☐	85
☐	['Zara', 85]

Question # 10 of 10 (Start time: 05:19:16 AM, 25 May 2026)

Total Marks: 1

What is the output of "hello world".capitalize()?

Select the correct option



Reload Math Equations

☐	Hello World
☐	HELLO WORLD
☒	Hello world
☐	hello World



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Lab – Quiz No. 5

Subject: CS306P

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Question # 1 of 10 (**Start time: 03:39:54 PM, 19 June 2026**)

Total Marks: 1

Which list method removes the first occurrence of a value?

Select the correct option



Reload Math Equations

☒	remove()
☐	del
☐	discard()
☐	pop()



Question # 2 of 10 (Start time: 03:41:20 PM, 19 June 2026)

Total Marks: 1

What does the strip() method do in Python?

Select the correct option

 Reload Math Equations

☐	Replaces all spaces with tabs
☒	Removes leading and trailing whitespace
☐	Converts lowercase to uppercase
☐	Removes all occurrences of a character



Question # 4 of 10 (Start time: 03:43:14 PM, 19 June 2026)

Total Marks: 1

What will participants[:3] return if participants = [('A',1), ('B',2), ('C',3), ('D',4)]?

Select the correct option



Reload Math Equations

☐	[('A',1)]
☒	[('A',1), ('B',2), ('C',3)]
☐	[('B',2), ('C',3), ('D',4)]
☐	[('A',1), ('C',3), ('D',4)]



Question # 5 of 10 (Start time: 03:43:44 PM, 19 June 2026)

Total Marks: 1

What is the result of `name, *details = ("Areeba", 87, "Passed")`?

Select the correct option

 Reload Math Equations

☒	<code>name = "Areeba", details = [87, "Passed"]</code>
☐	<code>name = "Passed", details = [87]</code>
☐	<code>name = 87, details = ["Passed"]</code>
☐	<code>name = "Areeba", details = ["Passed"]</code>



Question # 6 of 10 (Start time: 03:44:18 PM, 19 June 2026)

Total Marks: 1

Which of the following is used to extract the first letter of a string s?

Select the correct option

 Reload Math Equations

☒	s[0]
☐	s[2]
☐	s[-1]
☐	s[1]



Question # 7 of 10 (Start time: 03:44:48 PM, 19 June 2026)

Total Marks: 1

What will `len(str(1234))` return?

Select the correct option

 Reload Math Equations

☐	3
☒	4
☐	1
☐	2



Question # 8 of 10 (Start time: 03:45:17 PM, 19 June 2026)

Total Marks: 1

Which method raises an error if the specified element is not present in the set?

Select the correct option

 Reload Math Equations

☐	clear()
☒	remove()
☐	pop()
☐	discard()



Question # 9 of 10 (Start time: 03:45:32 PM, 19 June 2026)

Total Marks: 1

What is the output of `len((10, 20, 30))`?

Select the correct option

 Reload Math Equations

☒	3
☐	1
☐	2
☐	0



Question # 10 of 10 (Start time: 03:45:48 PM, 19 June 2026)

Total Marks: 1

what is the result of participants[0] if participants = [('Zara', 85), ('Ahmed', 90)]?

Select the correct option

 Reload Math Equations

☐	['Zara', 85]
☒	('Zara', 85)
☐	'Zara'
☐	85





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Quiz Spring 2026

Lab – Quiz No. 6

Subject: CS306P

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Question # 1 of 10 (Start time: 05:34:56 AM, 23 June 2026)

Total Marks: 1

what is the result of participants[0] if participants = [('Zara', 85), ('Ahmed', 90)]?

Select the correct option



Reload Math Equations

☐	['Zara', 85]
☐	85
☒	('Zara', 85)
☐	'Zara'

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Question # 2 of 10 (**Start time: 05:35:34 AM, 23 June 2026**)

Total Marks: 1

Which set operation returns all unique elements from two sets?

Select the correct option



Reload Math Equations

☐	Difference
☒	Union
☐	Intersection
☐	Symmetric Difference



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Question # 3 of 10 (Start time: 05:35:59 AM, 23 June 2026)

Total Marks: 1

What does `skills.split("|")` return if `skills = "Python|Java|SQL"`?

Select the correct option



Reload Math Equations

☐	"Python Java SQL"
☐	['P', 'y', 't', 'h', 'o', 'n']
☒	['Python', 'Java', 'SQL']
☐	('Python', 'Java', 'SQL')

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Question # 4 of 10 (Start time: 05:36:28 AM, 23 June 2026)

Total Marks: 1

Which of the following correctly performs a union operation on two sets A and B in Python?

Select the correct option



Reload Math Equations

☐	$A - B$
☐	$A \wedge B$
☒	$A B$
☐	$A \& B$



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Question # 5 of 10 (Start time: 05:36:42 AM, 23 June 2026)

Total Marks: 1

Which syntax is used to convert a tuple to a list?

Select the correct option



Reload Math Equations

☐	<code>list = tuple()</code>
☐	<code>tuple = list()</code>
☒	<code>list(tuple)</code>
☐	<code>tuple(list)</code>



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Question # 6 of 10 (Start time: 05:37:02 AM, 23 June 2026)

Total Marks: 1

Which method can add multiple key-value pairs to an existing dictionary at once?

Select the correct option



Reload Math Equations

☐	add()
☒	update()
☐	append()
☐	merge()



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Question # 7 of 10 (Start time: 05:37:20 AM, 23 June 2026)

Total Marks: 1

Which method is used to safely access a value in a dictionary without causing a KeyError if the key does not exist?

Select the correct option



Reload Math Equations

☐	find()
☐	search()
☐	index()
☒	get()



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Question # 8 of 10 (Start time: 05:37:41 AM, 23 June 2026)

Total Marks: 1

What will be the output of students[0] if students = ["Ali", "Sara", "John", "Zain"]?

Select the correct option



Reload Math Equations

☐	John
☐	Sara
☒	Ali
☐	Zain



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Question # 9 of 10 (**Start time: 05:37:56 AM, 23 June 2026**)

Total Marks: 1

What is the result of `name, *details = ("Areeba", 87, "Passed")`?

Select the correct option



Reload Math Equations

☐	<code>name = 87, details = ["Passed"]</code>
☐	<code>name = "Passed", details = [87]</code>
☐	<code>name = "Areeba", details = ["Passed"]</code>
☒	<code>name = "Areeba", details = [87, "Passed"]</code>



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Question # 10 of 10 (Start time: 05:38:15 AM, 23 June 2026)

Total Marks: 1

Which statement correctly checks if the key "ML101" exists in a dictionary named faculty?

Select the correct option



Reload Math Equations

☒	"ML101" in faculty
☐	faculty.contains("ML101")
☐	faculty.exists("ML101")
☐	faculty.has("ML101")

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Quiz Spring 2026

Final – Lab Quiz No. 7

Subject: CS306P

Paid Services Available:

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+ GDB

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Question # 1 of 10 (Start time: 10:12:34 AM, 02 July 2026)

Total Marks: 1

What is the result of the following operation?

$(1, 2) + (3, 4)$

Select the correct option



Reload Math Equations

☒	$(1, 2, 3, 4)$
☐	$[1, 2, 3, 4]$
☐	$(1, 2)(3, 4)$
☐	$(4, 6)$

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Question # 2 of 10 (Start time: 10:12:59 AM, 02 July 2026)

Total Marks: 1

Which operator is used for variable-length unpacking in Python?

Select the correct option



Reload Math Equations

☐	//
☐	**
☐	&
☒	*



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Question # 3 of 10 (**Start time: 10:13:30 AM, 02 July 2026**)

Total Marks: 1

Which statement correctly checks if the key "ML101" exists in a dictionary named faculty?

Select the correct option



Reload Math Equations

☒	"ML101" in faculty
☐	faculty.exists("ML101")
☐	faculty.contains("ML101")
☐	faculty.has("ML101")

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Question # 4 of 10 (**Start time: 10:13:55 AM, 02 July 2026**)

Total Marks: 1

Which method raises an error if the specified element is not present in the set?

Select the correct option



Reload Math Equations

☒	remove()
☐	clear()
☐	discard()
☐	pop()

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Question # 5 of 10 (Start time: 10:14:10 AM, 02 July 2026)

Total Marks: 1

What is the result of the following operation?

```
set1 = {1, 2, 3}
set2 = {2, 3, 4}
print(set1 & set2)
```

Select the correct option



Reload Math Equations

☐	{1, 4}
☐	{2, 3, 4}
☒	{2, 3}
☐	{}

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Question # 6 of 10 (**Start time: 10:14:35 AM, 02 July 2026**)

Total Marks: 1

What is the result of `set([True, 1, False, 0])`?

Select the correct option



Reload Math Equations

☐	{1, 0}
☐	{}
☐	{True, False, 1, 0}
☒	{True, False}



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Question # 7 of 10 (**Start time: 10:14:48 AM, 02 July 2026**)

Total Marks: 1

Which set operation returns all unique elements from two sets?

Select the correct option



Reload Math Equations

☐	Intersection
☐	Symmetric Difference
☒	Union
☐	Difference

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Question # 8 of 10 (**Start time: 10:15:11 AM, 02 July 2026**)

Total Marks: 1

Which method is used to safely access a value in a dictionary without causing a KeyError if the key does not exist?

Select the correct option



Reload Math Equations

☐	find()
☐	index()
☐	search()
☒	get()



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Question # 9 of 10 (**Start time: 10:15:32 AM, 02 July 2026**)

Total Marks: 1

What does the index() method do in a tuple?

Select the correct option



Reload Math Equations

☐	Removes an element by index
☐	Changes the value at a specific index
☒	Returns the index of the first matching element
☐	Inserts an element at a given index

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Question # 10 of 10 (**Start time: 10:15:50 AM, 02 July 2026**)

Total Marks: 1

Which of the following checks whether an "apple" is present in the set "Fruits"?

Select the correct option



Reload Math Equations

☐	'apple' exists in fruits
☒	'apple' in fruits
☐	find(fruits, 'apple')
☐	fruits.has('apple')

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Quiz Spring 2026

Final – Lab Quiz No. 8

Subject: **CS306P**

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Question # 1 of 10 (**Start time: 03:03:20 PM, 09 July 2026**)

Total Marks: 1

What will be the result of {"Ali", "Sana"} & {"Sana", "Hamza"} in Python?

Select the correct option



Reload Math Equations

☐	{ 'Ali', 'Sana', 'Hamza' }
☐	{ 'Ali' }
☐	{ 'Hamza' }
☒	{ 'Sana' }

Question # 2 of 10 (**Start time: 03:04:03 PM, 09 July 2026**)

Total Marks: 1

Which method can add multiple key-value pairs to an existing dictionary at once?

Select the correct option



Reload Math Equations

☒	update()
☐	append()
☐	merge()
☐	add()

Question # 3 of 10 (Start time: 03:04:19 PM, 09 July 2026)

Total Marks: 1

What is the result of the following code?

```
s = {1, 2}
s.update([3, 4], {5})
print(s)
```

Select the correct option



Reload Math Equations

☐	{1, 2, [3, 4], 5}
☐	{1, 2, [3, 4], {5}}
☒	{1, 2, 3, 4, 5}
☐	Error

Question # 4 of 10 (**Start time: 03:04:42 PM, 09 July 2026**)

Total Marks: 1

What is the effect of using the del statement on a dictionary item in Python?

Select the correct option



Reload Math Equations

☐	It creates a deep copy of the item
☐	It clears the entire dictionary
☒	It removes the item from the dictionary
☐	It creates a shallow copy of the item

Question # 5 of 10 (Start time: 03:04:54 PM, 09 July 2026)

Total Marks: 1

What is the result of the following operation?

```
set1 = {1, 2, 3}  
set2 = {2, 3, 4}  
print(set1 & set2)
```

Select the correct option



Reload Math Equations

☒	{2, 3}
☐	{1, 4}
☐	{ }
☐	{2, 3, 4}

Question # 6 of 10 (**Start time: 03:05:07 PM, 09 July 2026**)

Total Marks: 1

Which method is used to safely access a value in a dictionary without causing a KeyError if the key does not exist?

Select the correct option



Reload Math Equations

☐	find()
☐	index()
☒	get()
☐	search()

Question # 7 of 10 (**Start time: 03:05:22 PM, 09 July 2026**)

Total Marks: 1

Which Python data structure automatically removes duplicate entries from a list?

Select the correct option



Reload Math Equations

☐	List
☐	Tuple
☒	Set
☐	Dictionary

Question # 8 of 10 (**Start time: 03:05:34 PM, 09 July 2026**)

Total Marks: 1

What is the purpose of the following code?

```
departments = {"CS": "Computer Science", "AI": "Artificial Intelligence", "DS": "Data Science"}
```

Select the correct option



Reload Math Equations

☒	Create a dictionary with department codes as keys and names as values
☐	Create an empty dictionary
☐	Create a set of department names
☐	Create a list of departments

Question # 9 of 10 (**Start time: 03:05:45 PM, 09 July 2026**)

Total Marks: 1

What is the result of using the clear() method on a dictionary?

Select the correct option



Reload Math Equations

☐	Removes a single item
☐	Deletes a specific key-value pair
☐	Copies the dictionary
☒	Clears the entire dictionary

Question # 10 of 10 (Start time: 03:05:57 PM, 09 July 2026)

Total Marks: 1

Which statement correctly checks if the key "ML101" exists in a dictionary named faculty?

Select the correct option



Reload Math Equations

☒	"ML101" in faculty
☐	faculty.contains("ML101")
☐	faculty.has("ML101")
☐	faculty.exists("ML101")