

MTH101 QUIZ(1)

Lecture: 14 to 18

## RIZ MUGHAL SQA ENGINEER:

I'm providing 100% correct quiz solution.

You can visit my YouTube channel for more quiz solution, also final year project including project assignments, and viva.

## **YOUTUBE:**

https://www.youtube.com/channel/UCINsFwDiB62SValCcP DZbRQ/playlists

## **FILE LINKE**

**VUSIALKOT.COM** 

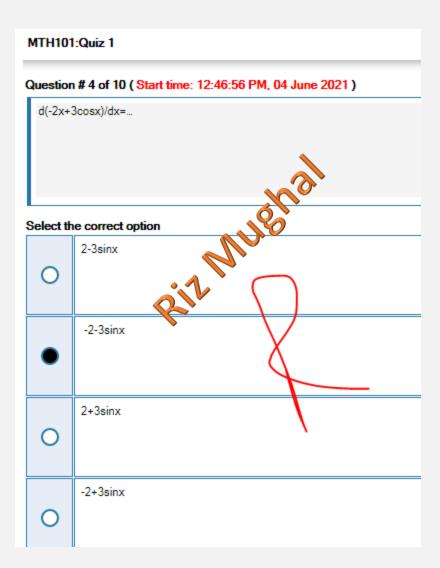
## **FACEBOOK:**

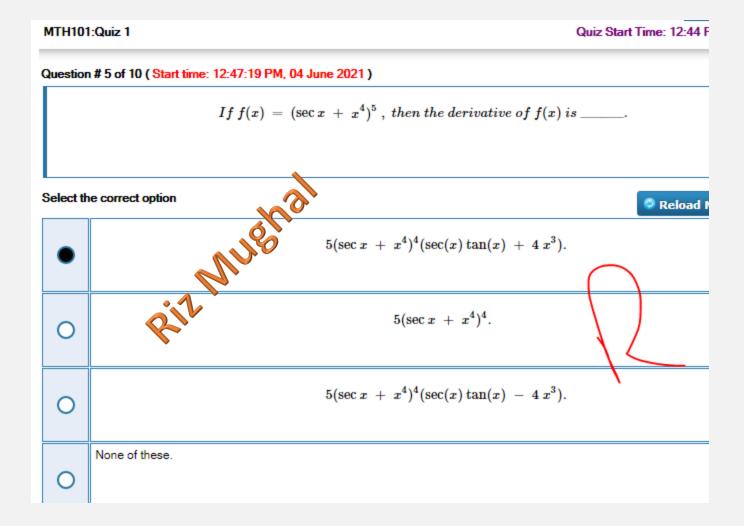
https://www.facebook.com/groups/923887914750307

MTH101:Quiz 1  Question # 1 of 10 (Start time: 12-44-40 PM, 04 June 2021)  If f(x)=8x .then f'(2) is  Select the correct option  2  4  8	
If f(x)=8x ,then f ' (2) is	
Select the correct option	
O 2 RIL	
0 3	
O 4	
8	

MTH10	01:Quiz 1 Quiz Start Time
Questio	ion # 2 of 10 ( Start time: 12:45:46 PM, 04 June 2021 )
If a ca	101 Quiz 1 Quiz Start Time  sion # 2 of 10 (Start time: 12-45-46 PM, 04 June 2021)  car travels 150 miles over a straight road in 3 hours, then its average velocity during the trip is  the correct option  50m/h  60m/h  40m/h
Select t	the correct option
	50m/h
	30m/h
0	
	60m/h
0	
	40m/h
0	4011/11

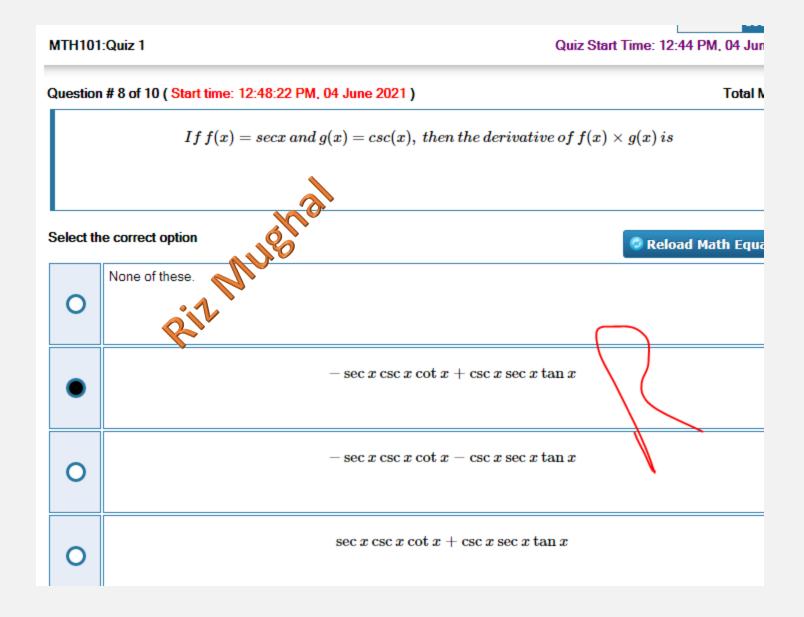
MTH101:	Quiz 1	
Question	Quiz 1  # 3 of 10 (Start time: 12-46-26 PM, 04 June 2021) hen instantaneous rate of change of 'y' w.r.t 'x' at 'x =-2' is  correct option  1	
If y=2x t	hen instantaneous rate of change of 'y' w.r.t 'x' at 'x =-2' is	
Select the	e correct option	
	Mr.	
	-1	
0		
	2	
•		
0		



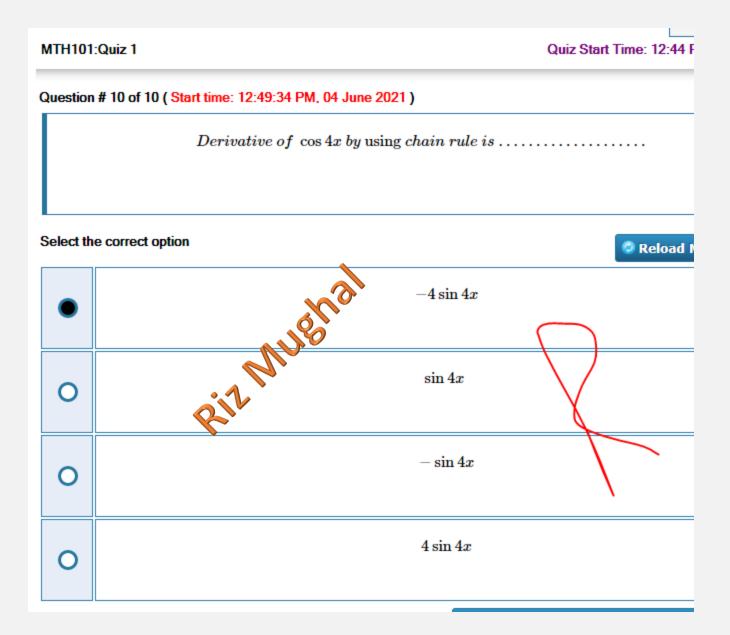


MTH10	D1:Quiz 1	
Questio	on # 6 of 10 ( Start time: 12:47:41 PM, 04 June 2021 )	
For the	he curve f(t) = -23t+25, the slope of the tangent line at point 't = -1' is	
Select t	the correct option	
0		
	23	
	25	
	-23	
•		
	DI:Quiz 1	

MTH101:Quiz 1			
Question # 7 of 10 (Sta	t time: 12:48:01 PM, 04 June 2021 )		
The derivative of sin(2x)	is		
Select the correct option			
0	t time: 12:48:01 PM, 04 June 2021)		
Cos2x			
	1		
2Cos(x)			
Cos(2x).2			

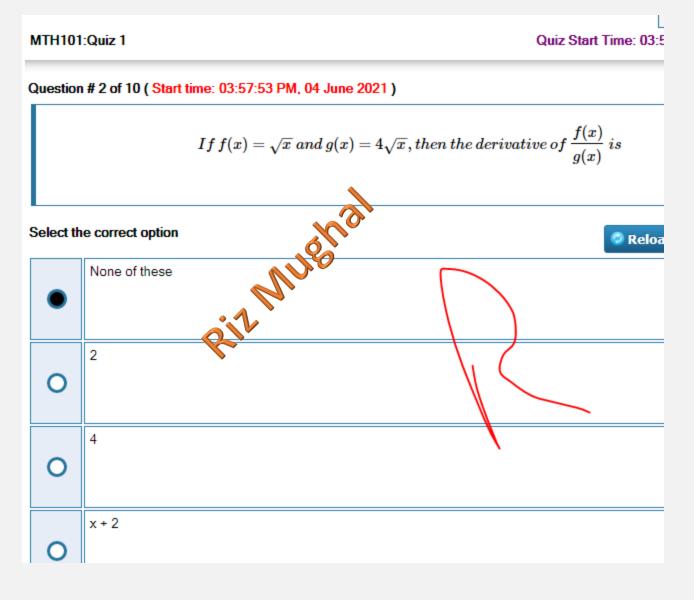


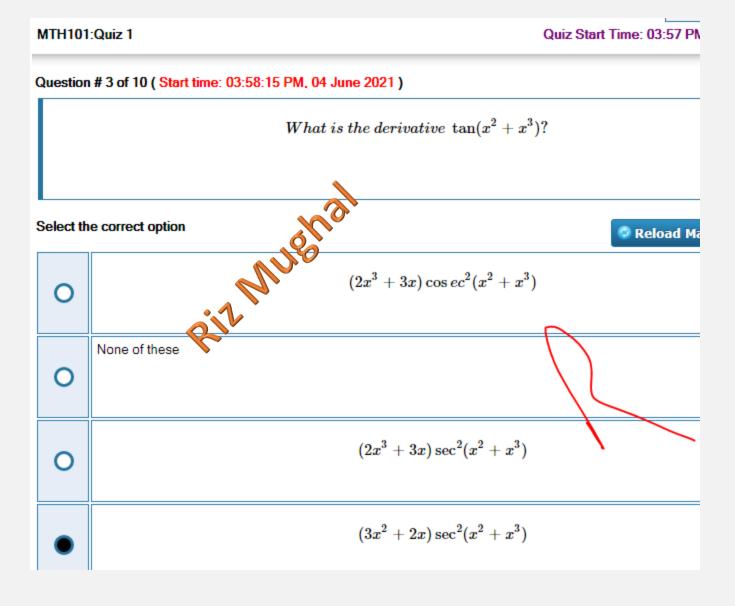
MTH101:Quiz 1		
Question # 9 of 1	0 ( Start time: 12:48:50 PM, 04 June 2021 )	
The cotangent for	unction is defined by Cot x= cosx/sinx	
Select the correct	option	
True	· option	
	oil \	_
False		



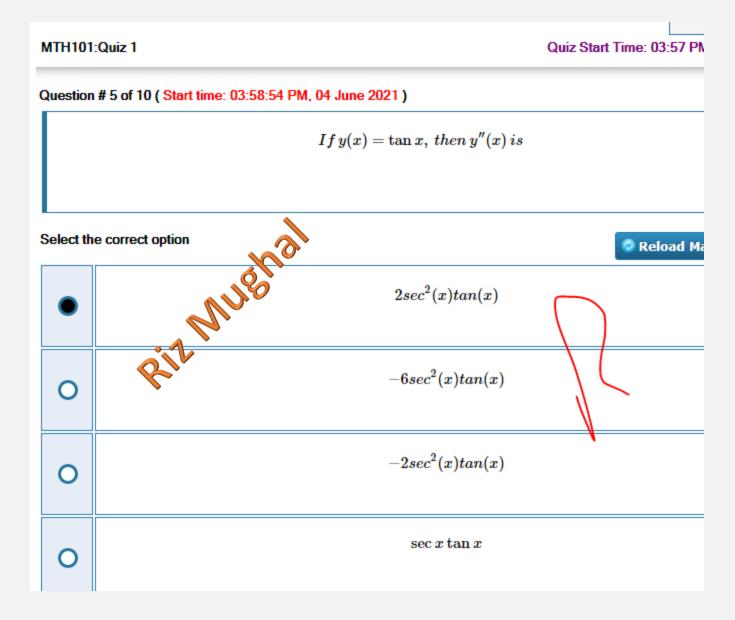
2<sup>nd</sup> account

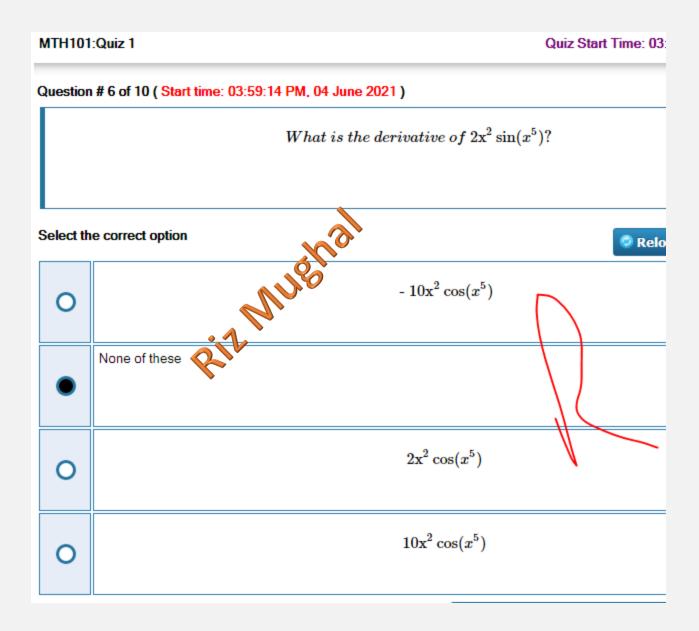
If y=f(x) then instantaneous rate of change of y with respect to x at the point x0 is given by slope of tangent line at (x0,f(x0))  Plect the correct option  True  False	If y=f(x) then instantaneous rate of change of y with respect to x at the point x0 is given by slope of tangent line at (x0,f(x)	
elect the correct option  True  False		))
False		
False	Select the correct option	_
	True Zill	
	C False	

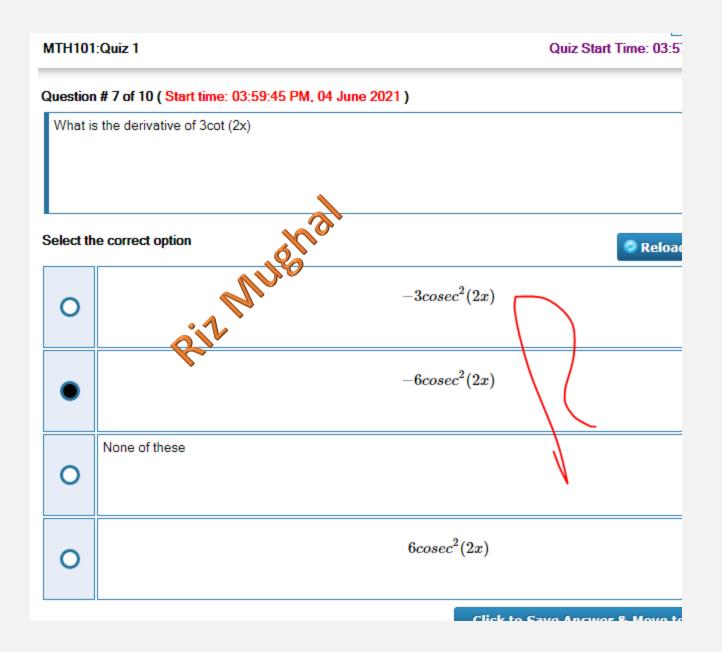




MTH101:Quiz 1		Quiz Start Time: 03:57 PN
Question # 4 of 10 ( Start time:	03:58:35 PM, 04 June 2021 )	
	The derivative of $(\sin(\cos x))$ is	
Select the correct option	NON O	Quiz Start Time: 03:57 Ph
	$\cos(\cos x)$	
Riv		
0	$\cos(\sin x)$	
0	$-\sin(\cos x).\sin x$	
•	$-\cos(\cos x).\sin x$	

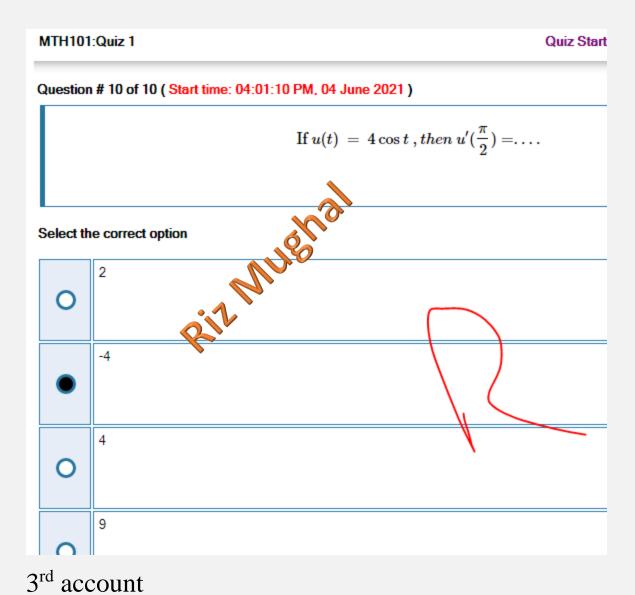






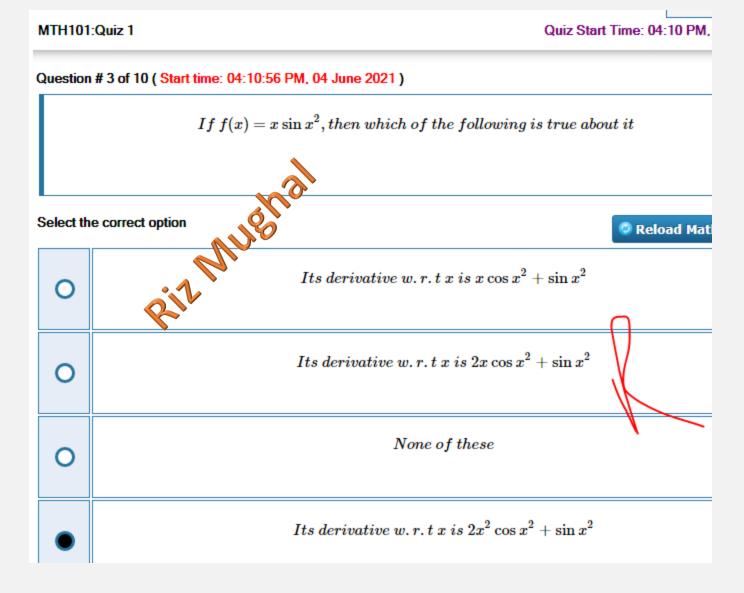
MTH101	:Quiz 1	
Question	# 8 of 10 ( Start time: 04:00:04 PM, 04 June 2021 )	
If $f(x)=8$	3x ,then f ' (2) is	
Select th	e correct option	
	8	
•		
	3	
0		
	2	
	4	
0		

MTH10	:Quiz 1	Quiz St
Questio	n # 9 of 10 ( Start time: 04:00:52 PM, 04 June 2021 )	
If y = x NOTE	I:Quiz 1  #9 of 10 (Start time: 04:00:52 PM, 04 June 2021)  ^2, then which of the following is true about it over the interval [3, 4] - where x^n denotes the nth power of x.  Its average rate of change is 7.  Its average rate of change is 9.  None of these.	
Select th	ne correct option	
•	Its average rate of change is 7.	
0	Its average rate of change is 9.	
0	None of these.	
^	Its average rate of change is 8.	



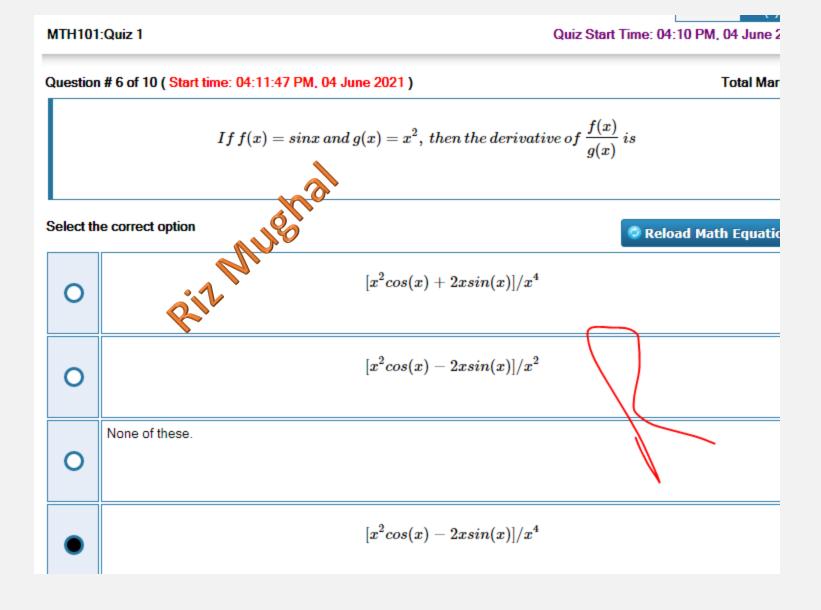
MTH101	1:Quiz 1 Quiz Start Tim	
Question	n # 1 of 10 ( Start time: 04:10:09 PM, 04 June 2021 )	
For the	1:Quiz 1  Quiz Start Tim  # 1 of 10 ( Start time: 04:10:09 PM, 04 June 2021 )  e curve: f(t) = -2t+3, the instantaneous rate of change of 'f(t)' at 't = 1' is  he correct option  2	
Select th	he correct option	
•	-2 RIT	
0	1	
0	-1	
0	2	

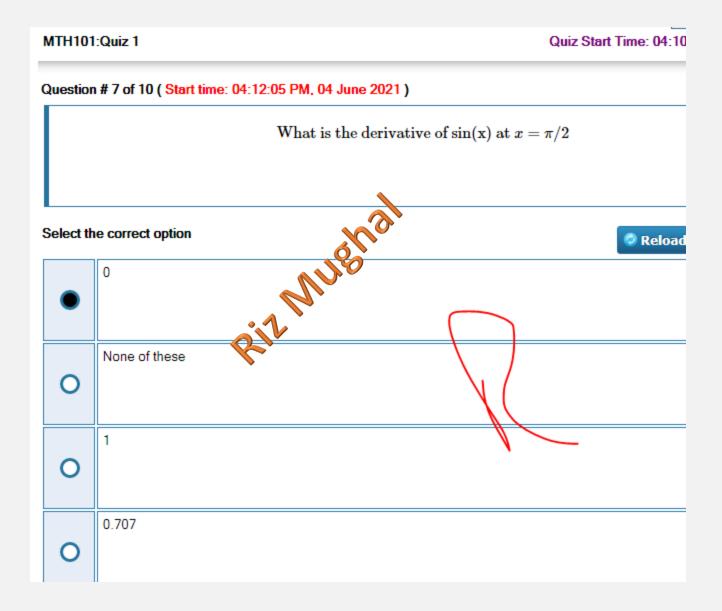
MTH101: Quiz 1  Question # 2 of 10 ( Start time: 04:10:37 PM, 04 June 2021 )  A functionbe differentiable at the point of discontinuity.  Select the correct option  can  can  can  cannot	MTH101:Quiz 1		
Select the correct option  Can  Cannot	Question # 2 of 1	0 ( Start time: 04:10:37 PM, 04 June 2021 )	
Select the correct option  Can  Can  Cannot	A functionb	be differentiable at the point of discontinuity.	
can	Select the correct	t option	
cannot	O	Ril	
	cannot		





MTH10	I:Quiz 1 Qui	iz Start Time: 04
Questio	n # 5 of 10 ( Start time: 04:11:30 PM, 04 June 2021 )	
The de f(x) =	erivative of function: 2(x-1) + {5/(x-1)} does not exist at	
Select th	ne correct option	
0	-1 Pil	
0	I:Quiz 1 Qui  # 5 of 10 (Start time: 04:11:30 PM, 04 June 2021)  serivative of function: 2(x-1) + (5/(x-1)) does not exist at  10  11	
0	-5	
•	1	
•	1	





мініо	1:Quiz 1 Quiz Start Time: 04:10 F	PM.
Question	n # 8 of 10 ( Start time: 04:12:25 PM, 04 June 2021 )	
If (0,0)	1: Quiz 1  Quiz Start Time: 04:10 f  # 8 of 10 ( Start time: 04:12:25 PM, 04 June 2021 )  and (2.2) are any two pints on a curve then the slope of secant line through these points is  the correct option  -1  2	
Select th	he correct option	
0	-1 QiZ MUN	
0	-2	
0	2	
•	1	

MTH10	1:Quiz 1 Quiz Start Time: 04:10
Questio	n # 9 of 10 ( Start time: 04:12:43 PM, 04 June 2021 )
The fu	unction f(x) =  x  has no derivative at x = 0 because there is a at that point.
Select tl	None of these
0	Notice of these
0	1: Quiz 1  Quiz Start Time: 04:10  If 9 of 10 (Start time: 04:12-43 PM, 04 June 2021)  Inction f(x) =  x  has no derivative at x = 0 because there is a at that point.  Incomplete the correct option  None of these  Vertical tangent  Discontinuity
•	Corner
_	Discontinuity

MTH10	1:Quiz 1	uiz \$
Questio	I:Quiz 1  If the first time: 04:13:01 PM, 04 June 2021 to of secant line joining points (2.3) and (3.2) is  None of these	
Slope	of secant line joining points (2,3) and (3,2) is	
Soloet #	no correct antion	
Jeiett II	-1	
•		
0	None of these	
	1	_
0		
	2	
0		

Thank you for watching ©
Share with your fellows
Rizwanqadeer848@gmail.com