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If you want to learn computer programming then contact with me

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MTH101 QUIZ 1 14 DECEMBER 2018

MTH101:QUIZ # 1: Lecture No. 16 to 20

Question # 1 of 10 (Start time: 08:35:56 PM, 14 December 2018)

The equation, $y = f(x) = \log_b(x)$, is read as _____.

Select the correct option

○	log base b
●	log base b of x
○	log base b of y is x
○	log base b of x is y

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Question # 2 of 10 (Start time: 08:36:45 PM, 14 December 2018)

Simplifed expression for f(x)=tanx/secx is

Select the correct option

- (●) Sinx
- ( ) Cosx

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Question # 3 of 10 (Start time: 08:37:42 PM, 14 December 2018)

$\log_b M^p =$ _____.

Select the correct option

○	$-\log_b M$
○	$M \log_b p$
○	$\log_b \frac{p}{M}$
●	$p \log_b M$

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Question # 4 of 10 (Start time: 08:38:10 PM, 14 December 2018)

What is the derivative of $cosec(11x)$?

Select the correct option

●	$-11 \cos ec(11x) \cot(11x)$
○	$-11 cosec^2(11x)$
○	$-\cos ec(11x) \cot(11x)$
○	None of these

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Question # 5 of 10 (Start time: 08:39:54 PM, 14 December 2018)

Log with base 'e' is called _____ log.

Select the correct option

- (●) Natural
- ( ) Anti
- ( ) Inverse
- ( ) All of these

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Question # 6 of 10 (Start time: 08:41:04 PM, 14 December 2018)

Derivative of $\cos 4x$ *by* using *chain rule is* .....

Select the correct option

○	$-\sin 4x$
○	$\sin 4x$
○	$4 \sin 4x$
●	$-4 \sin 4x$

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Question # 7 of 10 (Start time: 08:42:01 PM, 14 December 2018)

$$\log_b \frac{M}{N} = _____.$$

Select the correct option

○	$\log_b M + \log_b N$
●	$\log_b M - \log_b N$
○	$M \log_b N$
○	$-\log_b N$

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Question # 8 of 10 (Start time: 08:42:21 PM, 14 December 2018)

60 degrees corresponds to ....radians.

Select the correct option

- pi/2
- pi/3
- pi/4
- pi

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Question # 9 of 10 (Start time: 08:43:10 PM, 14 December 2018)

Derivative of absolute value function:
f(x) = Abs(x) = |x| at x = 0.

Select the correct option

- is -1
- is 1
- is zero
- does not exist

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Question # 10 of 10 (Start time: 08:44:40 PM, 14 December 2018)

The cotangent function is defined by Cot x= cosx/sinx

Select the correct option

- (●) True
- ( ) False