

# VU Medical Zone

## STA 100 Grand Quiz Fall 2020

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 10:50 PM, 02 January 2021

Question # 1 of 30 ( Start time: 10:50:10 PM, 02 January 2021 )

Total Marks: 1

In the series 7, 10, 13, ... 20th term is

Select the correct option

<input type="radio"/>	56	
<input checked="" type="radio"/>	59	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	64	
<input type="radio"/>	66	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 10:50 PM, 02 January 2021

Question # 3 of 30 ( Start time: 10:50:37 PM, 02 January 2021 )

Total Marks: 1

Graph is symmetric with respect to the origin is the graph of an

Select the correct option

<input type="radio"/>	Even function	
<input checked="" type="radio"/>	Odd Function function	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Linear function	
<input type="radio"/>	Exponentislfuction	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 10:50 PM, 02 January 2021

Question # 4 of 30 ( Start time: 10:51:17 PM, 02 January 2021 )

Total Marks: 1

In how many ways can we arrange the word 'FUZZTONE' so that all the vowels come together?

Select the correct option

<input checked="" type="radio"/>	1440	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	6		/
<input type="radio"/>	2160		/
<input type="radio"/>	4320		/

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 10:50 PM, 02 January 2021

Question # 5 of 30 ( Start time: 10:53:03 PM, 02 January 2021 )

Total Marks: 1

A set with no element in it is known as

Select the correct option

<input type="radio"/>	Subset		/
<input type="radio"/>	Singleton set		/
<input type="radio"/>	Power set		/
<input checked="" type="radio"/>	Empty set	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 10:50 PM, 02 January 2021

Question # 7 of 30 ( Start time: 10:53:32 PM, 02 January 2021 )

Total Marks: 1

The graph of a quadratic function will form

Select the correct option

<input checked="" type="radio"/>	Parabola	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Hyperbola	
<input type="radio"/>	Quarter graph	
<input type="radio"/>	Composite graph	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 10:50 PM, 02 January 2021

Question # 8 of 30 ( Start time: 10:54:09 PM, 02 January 2021 )

Total Marks: 1

Any matrix of order  $1 \times n$  is called

Select the correct option

<input checked="" type="radio"/>	Row Matrix	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Column Matrix	
<input type="radio"/>	Square Matrix	
<input type="radio"/>	Rectangular Matrix	

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 10:50 PM, 02 January 2021

Question # 10 of 30 ( Start time: 10:54:41 PM, 02 January 2021 )

Total Marks: 1

$10!$  equals to:

Select the correct option

<input type="radio"/>	3628800	
<input checked="" type="radio"/>	362880	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	362280	
<input type="radio"/>	362800	



Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, File Explorer, and Google Chrome. The active window is titled "Quiz - Google Chr...". The system clock shows 10:56 PM on 1/2/2021.

STA100:Grand Quiz

Quiz Start Time: 10:50 PM, 02 January 2021

Question # 11 of 30 ( Start time: 10:56:11 PM, 02 January 2021 )

Total Marks: 1

Cardinality of Set A is denoted by

Select the correct option

Reload Math Equations

<input type="radio"/>	$\{ A \}$	
<input type="radio"/>	$\ A\ $	
<input checked="" type="radio"/>	$ A $	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$( A )$	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, File Explorer, and Google Chrome. The active window is titled "Quiz - Google Chr...". The system clock shows 10:56 PM on 1/2/2021.

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# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 10:50 PM, 02 January 2021

Question # 12 of 30 ( Start time: 10:56:37 PM, 02 January 2021 )

Total Marks: 1

How many solutions do you get when you solve by completing the square?

Select the correct option

<input type="radio"/>	1	
<input checked="" type="radio"/>	2	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	3	
<input type="radio"/>	4	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 10:50 PM, 02 January 2021

Question # 13 of 30 ( Start time: 10:56:52 PM, 02 January 2021 )

Total Marks: 1

The objects in a set are called

Select the correct option

<input type="radio"/>	Numbers	
<input type="radio"/>	Terms	
<input checked="" type="radio"/>	Elements	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	none of these	

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 10:50 PM, 02 January 2021

Question # 15 of 30 ( Start time: 10:57:07 PM, 02 January 2021 )

Total Marks: 1

The solutions of the quadratic equation are also called its

Select the correct option

<input type="radio"/>	Factors	
<input checked="" type="radio"/>	Roots	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Coefficients	
<input type="radio"/>	None of these	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 10:50 PM, 02 January 2021

Question # 16 of 30 ( Start time: 10:57:21 PM, 02 January 2021 )

Total Marks: 1

If  $f(-x) = f(x)$  for every number  $x$  in domain of  $f$ , then  $f$  is

Select the correct option

Reload Math Equations

<input type="radio"/>	linear function	
<input checked="" type="radio"/>	Periodic function	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Even function	
<input type="radio"/>	Odd function	

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 10:50 PM, 02 January 2021

Question # 17 of 30 ( Start time: 10:58:14 PM, 02 January 2021 )

Total Marks: 1

We can subtract two matrices A and B if their

Select the correct option

<input type="radio"/>	Elements are same	
<input type="radio"/>	Rows are same	
<input checked="" type="radio"/>	Order is same	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	Columns are same	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 10:50 PM, 02 January 2021

Question # 18 of 30 ( Start time: 10:58:27 PM, 02 January 2021 )

Total Marks: 1

If any matrix A has only one column, then it is called

Select the correct option

<input type="radio"/>	Row Matrix	
<input checked="" type="radio"/>	Column Matrix	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	Square Matrix	
<input type="radio"/>	Rectangular Matrix	

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 10:50 PM, 02 January 2021

Question # 19 of 30 ( Start time: 10:58:40 PM, 02 January 2021 )

Total Marks: 1

$$(A \cap B) \cap C = B \cap (A \cap C)$$

Select the correct option

Reload Math Equations

<input type="radio"/>	Commutative Property of Union
<input checked="" type="radio"/>	Commutative Property of Intersection
<input type="radio"/>	Associative Property of Union
<input type="radio"/>	Associative Property of Intersection

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 10:50 PM, 02 January 2021

Question # 20 of 30 ( Start time: 10:59:44 PM, 02 January 2021 )

Total Marks: 1

Next term of the sequence 0.02, 0.006, 0.0018... is

Select the correct option

<input type="radio"/>	0.0036
<input type="radio"/>	0.0052
<input checked="" type="radio"/>	0.00054
<input type="radio"/>	0.00034

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 10:50 PM, 02 January 2021

Question # 21 of 30 ( Start time: 11:00:15 PM, 02 January 2021 )

Total Marks: 1

The horizontal lines of numbers in a matrix is called

Select the correct option

<input type="radio"/>	Column	
<input checked="" type="radio"/>	Rows	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Row Matrix	
<input type="radio"/>	Column Matrix	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 10:50 PM, 02 January 2021

Question # 23 of 30 ( Start time: 11:00:31 PM, 02 January 2021 )

Total Marks: 1

Factorize  $x^2 + 8x + 12$

Select the correct option

<input checked="" type="radio"/>	$(x + 2)(x + 6)$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$(x + 3)(x + 4)$	
<input type="radio"/>	$3x + 12$	
<input type="radio"/>	$3x - 12$	

Click to Save Answer & Move to Next Question



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STA100:Grand Quiz

sec(s)  
Quiz Start Time: 10:50 PM, 02 January 2021

Question # 25 of 30 ( Start time: 11:01:50 PM, 02 January 2021 )

Total Marks: 1

The set O of odd positive integers less than 10 can be expressed by \_\_\_\_\_

Select the correct option

<input type="radio"/>	{1, 2, 3}	
<input checked="" type="radio"/>	{1, 3, 5, 7, 9}	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	{1, 2, 5, 9}	
<input type="radio"/>	{1, 5, 7, 9, 11}	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 10:50 PM, 02 January 2021

Question # 26 of 30 ( Start time: 11:02:13 PM, 02 January 2021 )

Total Marks: 1

How many Permutations of the letter of the word APPLE are there

Select the correct option

<input type="radio"/>	600	
<input type="radio"/>	120	
<input type="radio"/>	240	
<input checked="" type="radio"/>	60	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 10:50 PM, 02 January 2021

Question # 27 of 30 ( Start time: 11:02:40 PM, 02 January 2021 )

Total Marks: 1

Which of the following property of matrix multiplication is correct

Select the correct option

<input type="radio"/>	Multiplication is not commutative in genral	
<input type="radio"/>	Multiplication is associative	
<input type="radio"/>	Multiplication is distributive over addition	
<input checked="" type="radio"/>	All of the mentioned	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 10:50 PM, 02 January 2021

Question # 28 of 30 ( Start time: 11:03:42 PM, 02 January 2021 )

Total Marks: 1

A quadratic equation which cannot be solved by factorization, that will be solved by

Select the correct option

<input type="radio"/>	Comparing coefficients	
<input checked="" type="radio"/>	Completing square	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	Both a and b	
<input type="radio"/>	None of these	

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 11:06 PM, 02 January 2021

Question # 4 of 30 ( Start time: 11:07:12 PM, 02 January 2021 )

Total Marks: 1

The set consisting of all the second elements of each ordered pair in the relation is called

Select the correct option

<input type="radio"/>	Domain of relation	
<input checked="" type="radio"/>	Range of relation	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Subset	
<input type="radio"/>	Complement of a set	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 11:06 PM, 02 January 2021

Question # 5 of 30 ( Start time: 11:07:53 PM, 02 January 2021 )

Total Marks: 1

The set consisting of all the first elements of each ordered pair in the relation is called

Select the correct option

<input type="radio"/>	Subset	
<input checked="" type="radio"/>	Domain of relation	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Range of relation	
<input type="radio"/>	Complement of a set	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**



# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 11:06 PM, 02 January 2021

Question # 6 of 30 ( Start time: 11:08:04 PM, 02 January 2021 )

Total Marks: 1

If A and B matrices are of same order and  $A + B = B + A$ , this law is known as

Select the correct option

<input checked="" type="radio"/>	Distributive law	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	Commutative law	
<input type="radio"/>	Associative law	
<input type="radio"/>	Cramer's law	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 11:06 PM, 02 January 2021

Question # 8 of 30 ( Start time: 11:08:47 PM, 02 January 2021 )

Total Marks: 1

We can add two matrices having real numbers A and B if their

Select the correct option

<input checked="" type="radio"/>	Order is same	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	Rows are same	
<input type="radio"/>	Columns are same	
<input type="radio"/>	Elements are same	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 11:06 PM, 02 January 2021

Question # 11 of 30 ( Start time: 11:09:29 PM, 02 January 2021 )

Total Marks: 1

The eighth term in the series 2, 6, 18, 54, \_\_\_\_ is

Select the correct option

<input type="radio"/>	4372	
<input checked="" type="radio"/>	4374	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	7343	
<input type="radio"/>	7434	



Click to Save Answer & Move to Next Question

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STA100:Grand Quiz

Quiz Start Time: 11:06 PM, 02 January 2021

Question # 12 of 30 ( Start time: 11:10:33 PM, 02 January 2021 )

Total Marks: 1

If discriminant  $> 0$  then

Select the correct option

<input type="radio"/>	There will be two distinct real solutions.	
<input type="radio"/>	There will be exactly one real solution	
<input checked="" type="radio"/>	There will be no real solutions.	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	None of these	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, File Explorer, and Google Chrome. The active window is titled "Quiz - Google Chr...". The system clock shows 11:10 PM on 1/2/2021.

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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:06 PM, 02 January 2021

Question # 13 of 30 ( Start time: 11:10:48 PM, 02 January 2021 )

Total Marks: 1

In Cricket League, in first round every team plays a match with every other team. 9 teams participated in the Cricket league. How many matches were played in the first round?

Select the correct option

<input type="radio"/>	36	
<input type="radio"/>	72	
<input checked="" type="radio"/>	9	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	9! - 1	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:06 PM, 02 January 2021

Question # 15 of 30 ( Start time: 11:11:20 PM, 02 January 2021 )

Total Marks: 1

Write the set in the Roster form: The set of five numbers each of which is divisible by 3.

Select the correct option

<input type="radio"/>	{3, 6, 7, 8, 9}	
<input checked="" type="radio"/>	{3, 6, 9, 12, 15}	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	{3, 6, 7, 8, 9}	
<input type="radio"/>	{3, 6, 9, 11, 13}	

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:06 PM, 02 January 2021

Question # 16 of 30 ( Start time: 11:11:46 PM, 02 January 2021 )

Total Marks: 1

Find the next number:  
98, 96, 92, 90, \_\_\_\_

Select the correct option

<input type="radio"/>	82	
<input type="radio"/>	84	
<input checked="" type="radio"/>	86	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	88	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:06 PM, 02 January 2021

Question # 18 of 30 ( Start time: 11:13:27 PM, 02 January 2021 )

Total Marks: 1

Sine function is also periodic, with period 360 degrees, and range between

Select the correct option

<input type="radio"/>	$-\infty$ to $+\infty$	
<input type="radio"/>	0 to 1	
<input checked="" type="radio"/>	-1 and 1	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	0 to $\infty$	

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 11:06 PM, 02 January 2021

Question # 20 of 30 ( Start time: 11:14:21 PM, 02 January 2021 )

Total Marks: 1

11, 33, 55, 77, --

Select the correct option

<input checked="" type="radio"/>	99	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	88		/
<input type="radio"/>	121		/
<input type="radio"/>	66		/

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 11:06 PM, 02 January 2021

Question # 30 of 30 ( Start time: 11:16:29 PM, 02 January 2021 )

Total Marks: 1

The set consisting of members of the pre-image or inputs of a function is called

Select the correct option

<input checked="" type="radio"/>	Domain	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Range		/
<input type="radio"/>	Subset		/
<input type="radio"/>	Complement of a set		/

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 10:29 PM, 02 January 2021

Question # 1 of 30 ( Start time: 10:29:12 PM, 02 January 2021 )

Total Marks: 1

Roots of  $x^2 + 8x + 12$  are

Select the correct option

Reload Math Equations

<input type="radio"/>	- 2, - 6
<input type="radio"/>	- 2, 6
<input type="radio"/>	2, - 6
<input checked="" type="radio"/>	2, 6

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 10:29 PM, 02 January 2021

Question # 2 of 30 ( Start time: 10:30:53 PM, 02 January 2021 )

Total Marks: 1

Equation having same solution are called

Select the correct option

<input checked="" type="radio"/>	Exponential equations	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Radical equations	
<input type="radio"/>	Simultaneous equations	
<input type="radio"/>	Reciprocal equations	

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 10:29 PM, 02 January 2021

Question # 3 of 30 ( Start time: 10:32:07 PM, 02 January 2021 )

Total Marks: 1

$\cos\theta$  is positive in the

Select the correct option

Reload Math Equations

<input type="radio"/>	First and the third quadrant
<input checked="" type="radio"/>	First and the fourth quadrant <b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	Second and the fourth quadrant
<input type="radio"/>	First and the second quadrant

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 10:29 PM, 02 January 2021

Question # 4 of 30 ( Start time: 10:32:41 PM, 02 January 2021 )

Total Marks: 1

Irrational numbers are

Select the correct option

<input checked="" type="radio"/>	Can't be written as fractions <b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	Can be written as fractions
<input type="radio"/>	Can be written as repeating decimals
<input type="radio"/>	Can be written as terminating decimals

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 10:29 PM, 02 January 2021

Question # 5 of 30 ( Start time: 10:33:05 PM, 02 January 2021 )

Total Marks: 1

The set  $N = \{1, 2, 3, 4, 5, \dots\}$  is known as

Select the correct option

<input type="radio"/>	Set of odd numbers	
<input type="radio"/>	Set of whole numbers	
<input checked="" type="radio"/>	Set of natural numbers	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Set of even numbers	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 10:29 PM, 02 January 2021

Question # 6 of 30 ( Start time: 10:33:22 PM, 02 January 2021 )

Total Marks: 1

Find the missing number: 2, 5, 9, 14, \_\_\_\_, 27

Select the correct option

<input checked="" type="radio"/>	19	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	20	
<input type="radio"/>	21	
<input type="radio"/>	22	

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

Time Left: 00:00:00 sec(s)  
Quiz Start Time: 10:29 PM, 02 January 2021

Question # 7 of 30 ( Start time: 10:34:02 PM, 02 January 2021 )

Total Marks: 1

If every element of set A is an element of set B is denoted by

Select the correct option

Reload Math Equations

<input type="radio"/>	$A \subset B$
<input checked="" type="radio"/>	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com $A \subseteq B$
<input type="radio"/>	$A \cap B$
<input type="radio"/>	$A = B$

Click to Save Answer & Move to Next Question

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STA100:Grand Quiz

Quiz Start Time: 10:29 PM, 02 January 2021

Question # 8 of 30 ( Start time: 10:34:46 PM, 02 January 2021 )

Total Marks: 1

Maximum number of roots of a quadratic equation are

Select the correct option

<input type="radio"/>	One
<input checked="" type="radio"/>	Two Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Three
<input type="radio"/>	None of these



Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, File Explorer, Quiz - Google Chrome, and Adobe Acrobat Pro. System clock shows 10:36 PM, 1/2/2021.

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# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 10:29 PM, 02 January 2021

Question # 9 of 30 ( Start time: 10:36:12 PM, 02 January 2021 )

Total Marks: 1

The distance of the points P(1,4) and Q(4,0) is

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	4
<input checked="" type="radio"/>	5 Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	6
<input type="radio"/>	7

[Click to Save Answer & Move to Next Question](#)



STA100:Grand Quiz

Quiz Start Time: 10:29 PM, 02 January 2021

Question # 10 of 30 ( Start time: 10:37:14 PM, 02 January 2021 )

Total Marks: 1

Find the missing number: 41, 40, 38, 35, 31, ?

Select the correct option

<input type="radio"/>	24
<input type="radio"/>	26
<input checked="" type="radio"/>	28 Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	30

[Click to Save Answer & Move to Next Question](#)



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 10:29 PM, 02 January 2021

Question # 11 of 30 ( Start time: 10:37:50 PM, 02 January 2021 )

Total Marks: 1

$\sin \theta$  is negative in the

Select the correct option

<input type="radio"/>	First and the third quadrant	
<input type="radio"/>	Second and the first quadrant	
<input checked="" type="radio"/>	Third and the fourth quadrant	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Second and the third quadrant	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Google Chrome, Adobe Acrobat, and other applications. The system clock shows 10:38 PM on 1/2/2021.

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 10:29 PM, 02 January 2021

Question # 12 of 30 ( Start time: 10:38:27 PM, 02 January 2021 )

Total Marks: 1

$\sec \theta =$

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	$\frac{1}{\cos \theta}$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$\frac{1}{\sin \theta}$	
<input type="radio"/>	$\frac{1}{\tan \theta}$	
<input type="radio"/>	$\frac{\sin \theta}{\cos \theta}$	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Google Chrome, Adobe Acrobat, and other applications. The system clock shows 10:38 PM on 1/2/2021.

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 10:29 PM, 02 January 2021

Question # 13 of 30 ( Start time: 10:39:01 PM, 02 January 2021 )

Total Marks: 1

In quadratic equation, if  $b = 0$  then it is called

Select the correct option

<input type="radio"/>	Linear equation	
<input type="radio"/>	Simple equation complex equation	
<input type="radio"/>	Complex equation	
<input checked="" type="radio"/>	Pure quadratic equation	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Google Chrome, Adobe Acrobat, and other applications. The system clock shows 10:40 PM on 1/2/2021.

STA100:Grand Quiz

Quiz Start Time: 10:29 PM, 02 January 2021

Question # 14 of 30 ( Start time: 10:40:24 PM, 02 January 2021 )

Total Marks: 1

$A = \begin{bmatrix} 0 & 1 & 0 & 0 \end{bmatrix}$ ,  $A^{-1}$  is equal to

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	Null matrix	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	Identity matrix	
<input type="radio"/>	Does not exist	
<input type="radio"/>	None of the mentioned	

Click to Save Answer & Move to Next Question

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**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 10:29 PM, 02 January 2021

Question # 16 of 30 ( Start time: 10:41:02 PM, 02 January 2021 )

Total Marks: 1

The smallest interval for which the function repeats itself is called its

Select the correct option

<input checked="" type="radio"/>	Period	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>	
<input type="radio"/>	Slope		
<input type="radio"/>	Amplitude		
<input type="radio"/>	None of these		

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 10:29 PM, 02 January 2021

Question # 21 of 30 ( Start time: 10:42:58 PM, 02 January 2021 )

Total Marks: 1

If 2 sets A and B are given, then the set consisting of all the elements which are either in A or in B or in both is called

Select the correct option

<input checked="" type="radio"/>	Intersection of A and B	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>	
<input type="radio"/>	Union of A and B		
<input type="radio"/>	Complement of A		
<input type="radio"/>	Complement of B		

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 10:29 PM, 02 January 2021

Question # 22 of 30 ( Start time: 10:43:41 PM, 02 January 2021 )

Total Marks: 1

We can add two matrices having real numbers A and B if their

Select the correct option

<input checked="" type="radio"/>	Order is same	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	Rows are same	
<input type="radio"/>	Columns are same	
<input type="radio"/>	Elements are same	

Click to Save Answer & Move to Next Question

Taskbar showing icons for Windows, Internet Explorer, File Explorer, Google Chrome (Quiz - Google Chr...), Adobe Acrobat Pr..., and system tray with time 10:43 PM 1/2/2021.

STA100:Grand Quiz

Quiz Start Time: 10:29 PM, 02 January 2021

Question # 23 of 30 ( Start time: 10:43:57 PM, 02 January 2021 )

Total Marks: 1

$\tan \theta$  is negative in the

Select the correct option

Reload Math Equations

<input type="radio"/>	Third and the fourth quadrant	
<input type="radio"/>	Second and the third quadrant	
<input checked="" type="radio"/>	Second and the fourth quadrant	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	First and the third quadrant	

Click to Save Answer & Move to Next Question

Taskbar showing icons for Windows, Internet Explorer, File Explorer, Google Chrome (Quiz - Google Chr...), Adobe Acrobat Pr..., and system tray with time 10:44 PM 1/2/2021.

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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 10:29 PM, 02 January 2021

Question # 24 of 30 ( Start time: 10:44:43 PM, 02 January 2021 )

Total Marks: 1

Periodic Property of Tangent is

Select the correct option

Reload Math Equations

<input type="radio"/>	$\tan(\theta \pm 90) = \tan \theta$
<input checked="" type="radio"/>	$\tan(\theta \pm 180) = \tan \theta$
<input type="radio"/>	$\tan(\theta \pm 360) = \tan \theta$
<input type="radio"/>	a and b both

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 10:29 PM, 02 January 2021

Question # 25 of 30 ( Start time: 10:45:20 PM, 02 January 2021 )

Total Marks: 1

From all the letters of the word "THURSDAY", how many different words can be formed?

Select the correct option

Reload Math Equations

<input type="radio"/>	8
<input type="radio"/>	7
<input checked="" type="radio"/>	8!
<input type="radio"/>	7!

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 10:29 PM, 02 January 2021

Question # 26 of 30 ( Start time: 10:46:32 PM, 02 January 2021 )

Total Marks: 1

The vertical lines of numbers in a matrix are called

Select the correct option

<input type="radio"/>	Rows	
<input checked="" type="radio"/>	Columns	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	Column Matrix	
<input type="radio"/>	Row Matrix	

Click to Save Answer & Move to Next Question

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STA100:Grand Quiz

sec(s)  
Quiz Start Time: 10:29 PM, 02 January 2021

Question # 27 of 30 ( Start time: 10:46:50 PM, 02 January 2021 )

Total Marks: 1

$\tan \theta$  is positive in the

Select the correct option

Reload Math Equations

<input type="radio"/>	First and the second quadrant	
<input checked="" type="radio"/>	First and the third quadrant	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	First and the fourth quadrant	
<input type="radio"/>	Second and the fourth quadrant	

Click to Save Answer & Move to Next Question

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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 10:29 PM, 02 January 2021

Question # 28 of 30 ( Start time: 10:47:11 PM, 02 January 2021 )

Total Marks: 1

If a matrix has equal number of columns and rows then it is said to be a

Select the correct option

<input type="radio"/>	row matrix	
<input type="radio"/>	Identical matrix	
<input checked="" type="radio"/>	Square matrix	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Rectangular matrix	

Click to Save Answer & Move to Next Question

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STA100:Grand Quiz

sec(s)  
Quiz Start Time: 10:29 PM, 02 January 2021

Question # 29 of 30 ( Start time: 10:47:25 PM, 02 January 2021 )

Total Marks: 1

In quadratic equation, When  $a$  is positive then

Select the correct option

<input checked="" type="radio"/>	Graph concaves downward	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Graph concaves upward	
<input type="radio"/>	Graph moves $c$ units up	
<input type="radio"/>	Graph moves $c$ units down	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, File Explorer, Google Chrome, and Adobe Acrobat. The system clock shows 10:47 PM on 1/2/2021.

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# VU Medical Zone

## STA 100 Grand Quiz Spring 2020

STA100:Grand Quiz

sec(s)

Quiz Start Time: 09:38 PM, 10 July 2020

Question # 1 of 30 ( Start time: 09:38:33 PM, 10 July 2020 )

Total Marks: 1

Write the set in the Roster form: The set of whole numbers less than 5.

Select the correct option

- |                                  |                  |   |
|----------------------------------|------------------|---|
| <input type="radio"/>            | {1, 2, 3, 4}     |   |
| <input type="radio"/>            | {-1, 0, 2, 3, 4} |   |
| <input checked="" type="radio"/> | {0, 1, 2, 3, 4}  | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | None of these    |   |

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)

Quiz Start Time: 09:38 PM, 10 July 2020

Question # 2 of 30 ( Start time: 09:39:05 PM, 10 July 2020 )

Total Marks: 1

We can add two matrices having real numbers A and B if their

Select the correct option

- |                                  |                   |   |
|----------------------------------|-------------------|---|
| <input checked="" type="radio"/> | Order is same     | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | Rows are same     |   |
| <input type="radio"/>            | Columns are same  |   |
| <input type="radio"/>            | Elements are same |   |

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 09:38 PM, 10 July 2020

Question # 3 of 30 ( Start time: 09:39:25 PM, 10 July 2020 )

Total Marks: 1

Cardinality of Set A is denoted by

Select the correct option

Reload Math Equations

<input type="radio"/>	$\{A\}$
<input type="radio"/>	$\ A\ $
<input checked="" type="radio"/>	$ A $
<input type="radio"/>	$( A )$

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 09:38 PM, 10 July 2020

Question # 4 of 30 ( Start time: 09:39:55 PM, 10 July 2020 )

Total Marks: 1

If the order of matrix A is  $m \times p$  and the order of B is  $p \times n$ . Then the order of matrix AB is

Select the correct option

<input checked="" type="radio"/>	$m \times n$
<input type="radio"/>	$n \times m$
<input type="radio"/>	$n \times p$
<input type="radio"/>	$m \times p$

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 09:38 PM, 10 July 2020

Question # 5 of 30 ( Start time: 09:40:10 PM, 10 July 2020 )

Total Marks: 1

The set consisting of all the first elements of each ordered pair in the relation is called

Select the correct option

<input type="radio"/>	Subset	
<input checked="" type="radio"/>	Domain of relation	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Range of relation	
<input type="radio"/>	Complement of a set	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 09:38 PM, 10 July 2020

Question # 6 of 30 ( Start time: 09:40:33 PM, 10 July 2020 )

Total Marks: 1

$\tan \theta =$

Select the correct option

Reload Math Equations

<input type="radio"/>	$\frac{\cos \theta}{\sin \theta}$	
<input checked="" type="radio"/>	$\frac{\sin \theta}{\cos \theta}$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$\frac{1}{\cos \theta}$	
<input type="radio"/>	$\frac{1}{\sin \theta}$	

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 09:38 PM, 10 July 2020

Question # 7 of 30 ( Start time: 09:41:35 PM, 10 July 2020 )

Total Marks: 1

$\{x|x < 6 \text{ and } x \text{ is a counting number}\}$  is the example of

Select the correct option

Reload Math Equations

<input type="radio"/>	Roster Method
<input type="radio"/>	Scientific method
<input checked="" type="radio"/>	Set builder Method
<input type="radio"/>	None of these

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 09:38 PM, 10 July 2020

Question # 8 of 30 ( Start time: 09:42:33 PM, 10 July 2020 )

Total Marks: 1

Set of rational numbers is denoted by

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	$Q$
<input type="radio"/>	$R$
<input type="radio"/>	$Q'$
<input type="radio"/>	$R'$

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 09:38 PM, 10 July 2020

Question # 9 of 30 ( Start time: 09:43:17 PM, 10 July 2020 )

Total Marks: 1

$$\binom{5}{0} \cdot \binom{5}{1} \cdot \binom{5}{2} \cdot \binom{5}{3} \cdot \binom{5}{4} \cdot \binom{5}{5}$$

Select the correct option

<input checked="" type="radio"/>	5	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	//
<input type="radio"/>	1		//
<input type="radio"/>	10		//
<input type="radio"/>	25		//

Click to Save Answer & Move to Next Question

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STA100:Grand Quiz

Quiz Start Time: 09:38 PM, 10 July 2020

Question # 10 of 30 ( Start time: 09:43:51 PM, 10 July 2020 )

Total Marks: 1

Find the binomial coefficient of the 7<sup>th</sup> term of the expansion of  $(x + y)^{10}$ .

Select the correct option

Reload Math Equations

<input type="radio"/>	210		
<input type="radio"/>	140		
<input type="radio"/>	160		
<input checked="" type="radio"/>	240	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	

Click to Save Answer & Move to Next Question

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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 09:38 PM, 10 July 2020

Question # 11 of 30 ( Start time: 09:45:50 PM, 10 July 2020 )

Total Marks: 1

What comes next in the sequence: 1, 2, 6, 22, \_\_\_\_?

Select the correct option

<input type="radio"/>	82	
<input type="radio"/>	84	
<input type="radio"/>	86	
<input checked="" type="radio"/>	88	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 09:38 PM, 10 July 2020

Question # 12 of 30 ( Start time: 09:46:59 PM, 10 July 2020 )

Total Marks: 1

The distance of the point P(2,3) from the x - axis is

Select the correct option

Reload Math Equations

<input type="radio"/>	2	
<input type="radio"/>	3	
<input type="radio"/>	1	
<input checked="" type="radio"/>	5	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 09:38 PM, 10 July 2020

Question # 13 of 30 ( Start time: 09:48:24 PM, 10 July 2020 )

Total Marks: 1

$\cos\theta$  is negative in the

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	Second and the fourth quadrant
<input checked="" type="radio"/>	Second and the third quadrant
<input type="radio"/>	Second and the first quadrant
<input type="radio"/>	First and the third quadrant

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 09:38 PM, 10 July 2020

Question # 14 of 30 ( Start time: 09:49:05 PM, 10 July 2020 )

Total Marks: 1

${}_6p_1$  is equal to

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	18
<input type="radio"/>	12
<input checked="" type="radio"/>	6
<input type="radio"/>	0

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)



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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 09:38 PM, 10 July 2020

Question # 15 of 30 ( Start time: 09:49:55 PM, 10 July 2020 )

Total Marks: 1

Another name for a quadratic equation is

Select the correct option

<input checked="" type="radio"/>	Linear	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	2nd degree	
<input type="radio"/>	Cubic	
<input type="radio"/>	None of these	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for various applications and the system clock displaying 9:50 PM on 10-Jul-20.

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 09:38 PM, 10 July 2020

Question # 16 of 30 ( Start time: 09:50:10 PM, 10 July 2020 )

Total Marks: 1

$\csc \theta = \frac{1}{\sin \theta}$  is the

Select the correct option

Reload Math Equations

<input type="radio"/>	Periodic Property	
<input checked="" type="radio"/>	Reciprocal Property	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Even Odd Property	
<input type="radio"/>	None of these	

Click to Save Answer & Move to Next Question

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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 09:38 PM, 10 July 2020

Question # 17 of 30 ( Start time: 09:51:11 PM, 10 July 2020 )

Total Marks: 1

$f(x) = x^2 + 6$  and  $g(x) = 2x - 1$  then  $(f \circ g)(x)$  is equal to

Select the correct option

[Reload Math Equations](#)

<input checked="" type="radio"/>	$4x^2 - 4x + 7$	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$4x^2 + 4x + 7$	
<input type="radio"/>	$4x^2 + 4x - 7$	
<input type="radio"/>	$4x^2 - 4x - 7$	

[Click to Save Answer & Move to Next Question](#)



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 09:38 PM, 10 July 2020

Question # 18 of 30 ( Start time: 09:52:36 PM, 10 July 2020 )

Total Marks: 1

The set of vowels in English alphabet contains elements

Select the correct option

<input type="radio"/>	{a, b, c, d, e, f}	
<input checked="" type="radio"/>	{a, e, i, o, u}	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	{p, q, r, s, t}	
<input type="radio"/>	{l, m, n, o, p}	

[Click to Save Answer & Move to Next Question](#)



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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 09:38 PM, 10 July 2020

Question # 19 of 30 ( Start time: 09:53:01 PM, 10 July 2020 )

Total Marks: 1

If we solve  $ax^2 + bx + c = 0$  by completing square method, we get

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	Cramer's rule
<input checked="" type="radio"/>	Quadratic formula
<input type="radio"/>	De Morgan's Law
<input type="radio"/>	None of these

[Click to Save Answer & Move to Next Question](#)



STA100:Grand Quiz

Quiz Start Time: 09:38 PM, 10 July 2020

Question # 20 of 30 ( Start time: 09:53:16 PM, 10 July 2020 )

Total Marks: 1

Given  $f(x)=2x+1$ , find  $f(-3)$

Select the correct option

<input type="radio"/>	-5
<input type="radio"/>	5
<input type="radio"/>	6
<input checked="" type="radio"/>	-6

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)



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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 09:38 PM, 10 July 2020

Question # 21 of 30 ( Start time: 09:53:35 PM, 10 July 2020 )

Total Marks: 1

0.333333 is

Select the correct option

<input checked="" type="radio"/>	Rational Number	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Irrational Number	
<input type="radio"/>	Whole Number	
<input type="radio"/>	Natural Number	

Click to Save Answer & Move to Next Question

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STA100:Grand Quiz

Quiz Start Time: 09:38 PM, 10 July 2020

Question # 22 of 30 ( Start time: 09:54:06 PM, 10 July 2020 )

Total Marks: 1

$$\cos(A - B) =$$

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	$\cos A \cos B + \sin A \sin B$	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$\cos B \cos A + \sin A \sin B$	
<input type="radio"/>	$\cos A \cos B - \sin A \sin B$	
<input type="radio"/>	$\sin A \sin B + \cos A \cos B$	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for various applications and the system clock displaying 9:55 PM on 10-Jul-20.

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 09:38 PM, 10 July 2020

Question # 23 of 30 ( Start time: 09:55:32 PM, 10 July 2020 )

Total Marks: 1

If determinant of a matrix is equal to zero, then it is said to be

Select the correct option

<input type="radio"/>	Square matrix	
<input checked="" type="radio"/>	Singular matrix	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Non-singular matrix	
<input type="radio"/>	Identical matrix	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 09:38 PM, 10 July 2020

Question # 24 of 30 ( Start time: 09:56:15 PM, 10 July 2020 )

Total Marks: 1

Irrational numbers are

Select the correct option

<input checked="" type="radio"/>	Can't be written as fractions	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Can be written as fractions	
<input type="radio"/>	Can be written as repeating decimals	
<input type="radio"/>	Can be written as terminating decimals	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 09:38 PM, 10 July 2020

Question # 25 of 30 ( Start time: 09:56:53 PM, 10 July 2020 )

Total Marks: 1

If a, b, c are in GP then relation between a, b, c can be

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	$2b = 2a + 3c$
<input type="radio"/>	$2b = 2a + 3c$
<input type="radio"/>	$2c = a + c$
<input checked="" type="radio"/>	$b = (ac)^{1/2}$

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)

STA100:Grand Quiz

Quiz Start Time: 09:38 PM, 10 July 2020

Question # 26 of 30 ( Start time: 09:58:00 PM, 10 July 2020 )

Total Marks: 1

The smallest interval for which the function repeats itself is called its

Select the correct option

<input checked="" type="radio"/>	Period
<input type="radio"/>	Slope
<input type="radio"/>	Amplitude
<input type="radio"/>	None of these

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 09:38 PM, 10 July 2020

Question # 27 of 30 ( Start time: 09:58:17 PM, 10 July 2020 )

Total Marks: 1

$$\text{If } b^2 - 4ac < 0$$

Select the correct option

[Reload Math Equations](#)

<input checked="" type="radio"/>	there will be no real solutions	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	there will be exactly one real solution	
<input type="radio"/>	there will be two distinct real solutions	
<input type="radio"/>	there will be exactly three real solution	

[Click to Save Answer & Move to Next Question](#)



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 09:38 PM, 10 July 2020

Question # 28 of 30 ( Start time: 09:58:42 PM, 10 July 2020 )

Total Marks: 1

Let the sequence be 1, 3, 5, 7, 9..... then this sequence is

Select the correct option

<input checked="" type="radio"/>	An airthmetic sequence	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	A geometric progression	
<input type="radio"/>	A harmonic sequence	
<input type="radio"/>	None of the mentioned	

[Click to Save Answer & Move to Next Question](#)



**EFFORT BY AMAAN KHAN**



# VU Medical Zone

STA100:Grand Quiz

TIME LEFT: 00:00:00  
sec(s)  
Quiz Start Time: 09:38 PM, 10 July 2020

Question # 29 of 30 ( Start time: 09:59:02 PM, 10 July 2020 )

Total Marks: 1

If you have an arithmetic sequence, the first number is 2 and the common difference is 4, what is the 4th number in the sequence?

Select the correct option

<input type="radio"/>	18	
<input type="radio"/>	16	
<input type="radio"/>	12	
<input checked="" type="radio"/>	14	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 09:38 PM, 10 July 2020

Question # 30 of 30 ( Start time: 09:59:53 PM, 10 July 2020 )

Total Marks: 1

Roots of  $x^2 - 4 = 0$

Select the correct option

Reload Math Equations

<input type="radio"/>	2,2	
<input type="radio"/>	-2	
<input checked="" type="radio"/>	- 2, 2	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	None of these	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**



# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 1 of 30 ( Start time: 02:43:54 AM, 11 July 2020 )

Total Marks: 1

Number of basic techniques for solving a quadratic equation are

Select the correct option

<input type="radio"/>	Two	
<input checked="" type="radio"/>	Three	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Four	
<input type="radio"/>	None of these	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 02:43 AM, 11 July 2020

Question # 2 of 30 ( Start time: 02:44:23 AM, 11 July 2020 )

Total Marks: 1

A quadratic equation which cannot be solved by factorization, that will be solved by

Select the correct option

<input type="radio"/>	Comparing coefficients	
<input checked="" type="radio"/>	Completing square	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Both a and b	
<input type="radio"/>	None of these	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 3 of 30 ( Start time: 02:44:38 AM, 11 July 2020 )

Total Marks: 1

$$\cot \theta =$$

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	$\frac{1}{\sin \theta}$	
<input checked="" type="radio"/>	$\frac{1}{\tan \theta}$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$\frac{\sin \theta}{\cos \theta}$	
<input type="radio"/>	$\frac{1}{\cos \theta}$	

[Click to Save Answer & Move to Next Question](#)

STA100:Grand Quiz

2:45 AM  
11-Jul-20  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 4 of 30 ( Start time: 02:45:21 AM, 11 July 2020 )

Total Marks: 1

Which is the best example of additive inverse

Select the correct option

[Reload Math Equations](#)

<input checked="" type="radio"/>	$7 + (-7) = 0$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$7 * \frac{1}{7}$	
<input type="radio"/>	$7 - 7 = 0$	
<input type="radio"/>	$7 * 1 = 7$	

[Click to Save Answer & Move to Next Question](#)

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 5 of 30 ( Start time: 02:45:37 AM, 11 July 2020 )

Total Marks: 1

The graph of a quadratic function will form

Select the correct option

<input checked="" type="radio"/>	Parabola	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	Hyperbola	
<input type="radio"/>	Quarter graph	
<input type="radio"/>	Composite graph	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, VLC, File Explorer, Firefox, Adobe Reader, and Google Chrome. System tray shows date and time: 2:46 AM, 11-Jul-20.

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 6 of 30 ( Start time: 02:46:26 AM, 11 July 2020 )

Total Marks: 1

$\cot \theta =$

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	$\frac{\cos \theta}{\sin \theta}$	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	$\frac{\sin \theta}{\cos \theta}$	
<input type="radio"/>	$\frac{1}{\sin \theta}$	
<input type="radio"/>	$\frac{1}{\cos \theta}$	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, VLC, File Explorer, Firefox, Adobe Reader, and Google Chrome. System tray shows date and time: 2:47 AM, 11-Jul-20.

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 7 of 30 ( Start time: 02:47:12 AM, 11 July 2020 )

Total Marks: 1

How many Permutations of the letter of the word APPLE are there

Select the correct option

<input type="radio"/>	600	
<input type="radio"/>	120	
<input type="radio"/>	240	
<input checked="" type="radio"/>	60	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, VLC, File Explorer, Firefox, PDF Reader, and Chrome. System tray shows date/time (2:47 AM, 11-Jul-20) and network status.

STA100:Grand Quiz

Quiz Start Time: 02:43 AM, 11 July 2020

Question # 8 of 30 ( Start time: 02:47:29 AM, 11 July 2020 )

Total Marks: 1

$\sec \theta =$

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	$\frac{1}{\cos \theta}$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$\frac{1}{\sin \theta}$	
<input type="radio"/>	$\frac{1}{\tan \theta}$	
<input type="radio"/>	$\frac{\sin \theta}{\cos \theta}$	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, VLC, File Explorer, Firefox, PDF Reader, and Chrome. System tray shows date/time (2:48 AM, 11-Jul-20) and network status.

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 9 of 30 ( Start time: 02:48:09 AM, 11 July 2020 )

Total Marks: 1

A Square matrix with ones on the diagonal and zeros elsewhere is called

Select the correct option

<input checked="" type="radio"/>	Identity matrix	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	Null matrix	
<input type="radio"/>	Symmetric matrix	
<input type="radio"/>	Rectangular matrix	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 10 of 30 ( Start time: 02:49:50 AM, 11 July 2020 )

Total Marks: 1

.The first term and common difference for the A.P. 3,1,-1,-3 is

Select the correct option

<input type="radio"/>	1 and 3	
<input type="radio"/>	-1 and 3	
<input checked="" type="radio"/>	3 and -2	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	2 and 3	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 11 of 30 ( Start time: 02:50:08 AM, 11 July 2020 )

Total Marks: 1

Write the set in the Roster form: The set of five numbers each of which is divisible by 3.

Select the correct option

<input type="radio"/>	{3, 6, 7, 8, 9}	
<input checked="" type="radio"/>	{3, 6, 9, 12, 15}	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	{3, 6, 7, 8, 9}	
<input type="radio"/>	{3, 6, 9, 11, 13}	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 12 of 30 ( Start time: 02:50:27 AM, 11 July 2020 )

Total Marks: 1

From all the letters of the word "THURSDAY", how many different words can be formed?

Select the correct option

Reload Math Equations

<input type="radio"/>	8	
<input type="radio"/>	7	
<input checked="" type="radio"/>	8!	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	7!	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 13 of 30 ( Start time: 02:50:42 AM, 11 July 2020 )

Total Marks: 1

Which is not the property of Gradient

Select the correct option

- |                                  |   |  |
|----------------------------------|---|--|
| <input type="radio"/>            | The bigger the gradient's magnitude is, the steeper the line segment. |  |
| <input type="radio"/>            | Two line segments that are parallel will have the same slope.         |  |
| <input type="radio"/>            | Positive gradient means the line is facing upwards.                   |  |
| <input checked="" type="radio"/> | Positive gradient means line is facing upwards.                       | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 14 of 30 ( Start time: 02:50:59 AM, 11 July 2020 )

Total Marks: 1

In the expansion  $(a + x)^n$ , the sum of exponents of a and x is

Select the correct option

Reload Math Equations

- |                                  |         |  |
|----------------------------------|---------|--|
| <input checked="" type="radio"/> | $n$     | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | $n - 1$ |  |
| <input type="radio"/>            | $n + 1$ |  |
| <input type="radio"/>            | $2n$    |  |

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**



# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 15 of 30 ( Start time: 02:51:42 AM, 11 July 2020 )

Total Marks: 1

$\cos\theta$  is positive in the

Select the correct option

Reload Math Equations

<input type="radio"/>	First and the third quadrant
<input checked="" type="radio"/>	First and the fourth quadrant
<input type="radio"/>	Second and the fourth quadrant
<input type="radio"/>	First and the second quadrant

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

STA100:Grand Quiz

2:52 AM  
11-Jul-20  
sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 16 of 30 ( Start time: 02:52:19 AM, 11 July 2020 )

Total Marks: 1

The  $n^{\text{th}}$  term of an A.P. is given by  $a_n = 3 + 4n$ . The common difference is

Select the correct option

Reload Math Equations

<input type="radio"/>	7
<input type="radio"/>	3
<input checked="" type="radio"/>	4
<input type="radio"/>	1

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

**EFFORT BY AMAAN KHAN**



# VU Medical Zone

STA100:Grand Quiz

Time Left: 00:00:00 sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 17 of 30 ( Start time: 02:52:34 AM, 11 July 2020 )

Total Marks: 1

The domain of  $R = \{(0, 2), (2, 4), (3, 4), (4, 5)\}$  is

Select the correct option

- |                                  |              |   |
|----------------------------------|--------------|---|
| <input type="radio"/>            | {0, 2, 4, 5} |   |
| <input checked="" type="radio"/> | {0, 2, 3, 4} | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | {2, 4, 5}    |   |
| <input type="radio"/>            | {3, 4, 5}    |   |

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Time Left: 00:00:00 sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 18 of 30 ( Start time: 02:53:04 AM, 11 July 2020 )

Total Marks: 1

If any matrix A has only one row, then it is called

Select the correct option

- |                                  |                    |   |
|----------------------------------|--------------------|---|
| <input checked="" type="radio"/> | Row Matrix         | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | Column Matrix      |   |
| <input type="radio"/>            | Square Matrix      |   |
| <input type="radio"/>            | Rectangular Matrix |   |

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

Sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 19 of 30 ( Start time: 02:53:19 AM, 11 July 2020 )

Total Marks: 1

Find the binomial coefficient of the 7<sup>th</sup> term of the expansion of  $(x + y)^{10}$ .

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	210
<input type="radio"/>	140
<input type="radio"/>	160
<input checked="" type="radio"/>	240

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)



STA100:Grand Quiz

Sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 20 of 30 ( Start time: 02:53:46 AM, 11 July 2020 )

Total Marks: 1

The smallest interval for which the function repeats itself is called its

Select the correct option

<input checked="" type="radio"/>	Period	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	//
<input type="radio"/>	Slope		//
<input type="radio"/>	Amplitude		//
<input type="radio"/>	None of these		//

[Click to Save Answer & Move to Next Question](#)



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 21 of 30 ( Start time: 02:54:01 AM, 11 July 2020 )

Total Marks: 1

$$\tan \theta =$$

Select the correct option

Reload Math Equations

<input type="radio"/>	$\frac{\cos \theta}{\sin \theta}$
<input checked="" type="radio"/>	$\frac{\sin \theta}{\cos \theta}$
<input type="radio"/>	$\frac{1}{\cos \theta}$
<input type="radio"/>	$\frac{1}{\sin \theta}$

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 22 of 30 ( Start time: 02:54:48 AM, 11 July 2020 )

Total Marks: 1

Geometric Progression between - 4 and - 9 is

Select the correct option

Reload Math Equations

<input type="radio"/>	$\pm 8$
<input type="radio"/>	- 8
<input type="radio"/>	$\pm 6$
<input checked="" type="radio"/>	- 6

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)

Quiz Start Time: 02:43 AM, 11 July 2020

Question # 23 of 30 ( Start time: 02:55:03 AM, 11 July 2020 )

Total Marks: 1

In how many ways can 5 red and 4 white balls be drawn from a bag containing 10 red and 8 white balls?

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	${}^8C_5 * {}^{10}C_4$	
<input checked="" type="radio"/>	${}^{10}C_5 * {}^8C_4$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	${}^{18}C_9$	
<input type="radio"/>	None of these	

[Click to Save Answer & Move to Next Question](#)



STA100:Grand Quiz

Quiz Start Time: 02:43 AM, 11 July 2020

Question # 24 of 30 ( Start time: 02:55:16 AM, 11 July 2020 )

Total Marks: 1

The 10<sup>th</sup> term from the end of the A.P. - 5, - 10, - 15, . . . . . , - 1000 is

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	-955	
<input type="radio"/>	-945	
<input checked="" type="radio"/>	-950	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	-965	

[Click to Save Answer & Move to Next Question](#)



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 25 of 30 ( Start time: 02:55:35 AM, 11 July 2020 )

Total Marks: 1

Given  $f(x)=2x+1$ , find  $f(-3)$

Select the correct option

- |                                  |    |   |
|----------------------------------|----|---|
| <input type="radio"/>            | -5 |   |
| <input type="radio"/>            | 5  |   |
| <input type="radio"/>            | 6  |   |
| <input checked="" type="radio"/> | -6 | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 26 of 30 ( Start time: 02:55:52 AM, 11 July 2020 )

Total Marks: 1

Which is the following relation is a function

Select the correct option

- |                                  |                           |   |
|----------------------------------|---------------------------|---|
| <input type="radio"/>            | $\{(0,0), (0,1), (1,2)\}$ |   |
| <input type="radio"/>            | $\{(3,1), (4,1), (3,2)\}$ |   |
| <input checked="" type="radio"/> | $\{(0,0), (1,2), (2,3)\}$ | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | $\{(1,1), (1,2), (1,3)\}$ |   |

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 27 of 30 ( Start time: 02:57:01 AM, 11 July 2020 )

Total Marks: 1

Graph is symmetric with respect to the origin is the graph of an

Select the correct option

<input type="radio"/>	Even function	
<input checked="" type="radio"/>	Odd Function function	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Linear function	
<input type="radio"/>	Exponentislfuction	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, VLC, File Explorer, Firefox, PDF Reader, and Chrome. System tray shows date/time (2:57 AM, 11-Jul-20) and network status.

STA100:Grand Quiz

Quiz Start Time: 02:43 AM, 11 July 2020

Question # 28 of 30 ( Start time: 02:57:20 AM, 11 July 2020 )

Total Marks: 1

$f(x) = x^2 + 6$  and  $g(x) = 2x - 1$  then  $(f \circ g)(x)$  is equal to

Select the correct option

Reload Math Equations

<input type="radio"/>	$4x^2 - 4x + 7$	
<input type="radio"/>	$4x^2 + 4x + 7$	
<input checked="" type="radio"/>	$4x^2 + 4x - 7$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$4x^2 - 4x - 7$	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, VLC, File Explorer, Firefox, PDF Reader, and Chrome. System tray shows date/time (2:57 AM, 11-Jul-20) and network status.

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 29 of 30 ( Start time: 02:57:36 AM, 11 July 2020 )

Total Marks: 1

The horizontal lines of numbers in a matrix is called

Select the correct option

<input type="radio"/>	Column	
<input checked="" type="radio"/>	Rows	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Row Matrix	
<input type="radio"/>	Column Matrix	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 02:43 AM, 11 July 2020

Question # 30 of 30 ( Start time: 02:57:58 AM, 11 July 2020 )

Total Marks: 1

$\tan \theta =$

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	$\frac{\sin \theta}{\cos \theta}$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$\frac{\cos \theta}{\sin \theta}$	
<input type="radio"/>	$\frac{1}{\sin \theta}$	
<input type="radio"/>	$\frac{1}{\cos \theta}$	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**



# VU Medical Zone

MC200204984: GHULAM SAJJAD

Time Left 67 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 1 of 30 ( Start time: 07:55:46 PM, 10 July 2020 )

Total Marks: 1

Next term of the sequence 0.02, 0.006, 0.0018,... is

Select the correct option

<input type="radio"/>	0.0036	
<input checked="" type="radio"/>	0.0052	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	0.00054	
<input type="radio"/>	0.00034	

Click to Save Answer & Move to Next Question



MC200204984: GHULAM SAJJAD

Time Left 83 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 2 of 30 ( Start time: 07:56:25 PM, 10 July 2020 )

Total Marks: 1

If the number of columns and rows are not equal in a matrix, then it is said to be a

Select the correct option

<input checked="" type="radio"/>	Rectangular matrix	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Square matrix	
<input type="radio"/>	Diagonal matrix	
<input type="radio"/>	Null matrix	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**



# VU Medical Zone

MC200204984: GHULAM SAJJAD

Time Left 82 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 3 of 30 ( Start time: 07:56:42 PM, 10 July 2020 )

Total Marks: 1

Which is the best example of additive inverse

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	$7 + (-7) = 0$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$7 * \frac{1}{7}$	
<input type="radio"/>	$7 - 7 = 0$	
<input type="radio"/>	$7 * 1 = 7$	

Click to Save Answer & Move to Next Question

MC200204984: GHULAM SAJJAD

Time Left 59 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 4 of 30 ( Start time: 07:56:57 PM, 10 July 2020 )

Total Marks: 1

The smallest interval for which the function repeats itself is called its

Select the correct option

<input checked="" type="radio"/>	Period	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Slope	
<input type="radio"/>	Amplitude	
<input type="radio"/>	None of these	

Click to Save Answer & Move to Next Question

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200204984: GHULAM SAJJAD

Time Left 83 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 5 of 30 ( Start time: 07:57:47 PM, 10 July 2020 )

Total Marks: 1

In the expansion  $(a + x)^n$ , the sum of exponents of a and x is

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	$n$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$n - 1$	
<input type="radio"/>	$n + 1$	
<input type="radio"/>	$2n$	

Click to Save Answer & Move to Next Question



MC200204984: GHULAM SAJJAD

Time Left 47 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 6 of 30 ( Start time: 07:58:03 PM, 10 July 2020 )

Total Marks: 1

Equation having same solution are called

Select the correct option

<input checked="" type="radio"/>	Exponential equations	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Radical equations	
<input type="radio"/>	Simultaneous equations	
<input type="radio"/>	Reciprocal equations	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200204984: GHULAM SAJJAD

Time Left 57 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 7 of 30 ( Start time: 07:59:07 PM, 10 July 2020 )

Total Marks: 1

Look at this series: 22, 21, 23, 22, 24, 23, ....What number should come next?

Select the correct option

<input type="radio"/>	22	
<input type="radio"/>	24	
<input checked="" type="radio"/>	25	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	26	

Click to Save Answer & Move to Next Question



MC200204984: GHULAM SAJJAD

Time Left 11 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 8 of 30 ( Start time: 07:59:48 PM, 10 July 2020 )

Total Marks: 1

In how many ways can 5 red and 4 white balls be drawn from a bag containing 10 red and 8 white balls?

Select the correct option

Reload Math Equations

<input type="radio"/>	${}^8C_5 * {}^{10}C_4$	
<input checked="" type="radio"/>	${}^{10}C_5 * {}^8C_4$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	${}^{18}C_9$	
<input type="radio"/>	None of these	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200204984: GHULAM SAJJAD

Time Left 41 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 9 of 30 ( Start time: 08:01:23 PM, 10 July 2020 )

Total Marks: 1

A list of numbers in which each term is obtained by adding a fixed number to the preceding term except the first term is called an....

Select the correct option

<input type="radio"/>	Geometric Progression	
<input checked="" type="radio"/>	Arithmetic progression	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Harmonic Progression	
<input type="radio"/>	None of these	



Click to Save Answer & Move to Next Question



MC200204984: GHULAM SAJJAD

Time Left 69 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 10 of 30 ( Start time: 08:03:00 PM, 10 July 2020 )

Total Marks: 1

The domain of  $R = \{(0, 2), (2, 4), (3, 4), (4, 5)\}$  is

Select the correct option

<input type="radio"/>	{0, 2, 4, 5}	
<input checked="" type="radio"/>	{0, 2, 3, 4}	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	{2, 4, 5}	
<input type="radio"/>	{3, 4, 5}	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200204984: GHULAM SAJJAD

Time Left 14 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 11 of 30 ( Start time: 08:03:38 PM, 10 July 2020 )

Total Marks: 1

$$\csc \theta = \frac{1}{\sin \theta} \text{ is the}$$

Select the correct option

Reload Math Equations

<input type="radio"/>	Even Odd Property
<input type="radio"/>	Periodic Property
<input checked="" type="radio"/>	Reciprocal Property
<input type="radio"/>	None of these

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

MC200204984: GHULAM SAJJAD

Time Left 8 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 12 of 30 ( Start time: 08:05:35 PM, 10 July 2020 )

Total Marks: 1

$$(a + bi) + (c + di)$$

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	$(a + c) + (b + d)i$
<input type="radio"/>	$(a + c) - (b + d)i$
<input type="radio"/>	$(a - c) + (b - d)i$
<input type="radio"/>	$(a - c) + (b + d)i$

Click to Save Answer & Move to Next Question

EFFORT BY AMAAN KHAN

# VU Medical Zone

MC200204984: GHULAM SAJJAD

Time Left 39 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 13 of 30 ( Start time: 08:07:27 PM, 10 July 2020 )

Total Marks: 1

Another name for a quadratic equation is

Select the correct option

<input checked="" type="radio"/>	Linear	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	2nd degree	
<input type="radio"/>	Cubic	
<input type="radio"/>	None of these	

Click to Save Answer & Move to Next Question



MC200204984: GHULAM SAJJAD

Time Left 30 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 14 of 30 ( Start time: 08:08:49 PM, 10 July 2020 )

Total Marks: 1

Write the set in the Roster form: The set of first seven natural numbers

Select the correct option

<input checked="" type="radio"/>	{1, 2, 3, 4, 5, 6, 7}	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	{0, 1, 2, 3, 4, 5, 6}	
<input type="radio"/>	{2, 4, 6, 8, 10, 12, 14}	
<input type="radio"/>	{1, 3, 5, 7, 9, 11, 13}	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**



# VU Medical Zone

MC200204984: GHULAM SAJJAD

Time Left 79 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 15 of 30 ( Start time: 08:10:20 PM, 10 July 2020 )

Total Marks: 1

If any matrix A has only one row, then it is called

Select the correct option

<input checked="" type="radio"/>	Row Matrix	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Column Matrix	
<input type="radio"/>	Square Matrix	
<input type="radio"/>	Rectangular Matrix	

Click to Save Answer & Move to Next Question



MC200204984: GHULAM SAJJAD

Time Left 44 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 16 of 30 ( Start time: 08:10:45 PM, 10 July 2020 )

Total Marks: 1

In the given AP series the term at position 11 would be 5, 8, 11, 14, 17, 20.....50.

Select the correct option

<input checked="" type="radio"/>	35	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	45	
<input type="radio"/>	25	
<input type="radio"/>	None of the mentioned.	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200204984: GHULAM SAJJAD

Time Left 19 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 17 of 30 ( Start time: 08:11:48 PM, 10 July 2020 )

Total Marks: 1

In quadratic equation, When  $a$  is positive then

Select the correct option

- |                                  |                            |  |
|----------------------------------|----------------------------|--|
| <input checked="" type="radio"/> | Graph concaves downward    | <b>Answer solved by Amaan Khan</b><br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | Graph concaves upward      |  |
| <input type="radio"/>            | Graph moves $c$ units up   |  |
| <input type="radio"/>            | Graph moves $c$ units down |  |

Click to Save Answer & Move to Next Question



MC200204984: GHULAM SAJJAD

Time Left 75 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 18 of 30 ( Start time: 08:13:36 PM, 10 July 2020 )

Total Marks: 1

Write the set in the Roster form: The set of whole numbers less than 5.

Select the correct option

- |                                  |                  |  |
|----------------------------------|------------------|--|
| <input type="radio"/>            | {1, 2, 3, 4}     | <b>Answer solved by Amaan Khan</b><br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | {-1, 0, 2, 3, 4} |  |
| <input checked="" type="radio"/> | {0, 1, 2, 3, 4}  |  |
| <input type="radio"/>            | None of these    |  |

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**



# VU Medical Zone

MC200204984: GHULAM SAJJAD

Time Left 43 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 19 of 30 ( Start time: 08:14:00 PM, 10 July 2020 )

Total Marks: 1

There are 30 people in a group. If all shake hands with one another, how many handshakes are possible?

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	870	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	435	
<input type="radio"/>	30!	
<input type="radio"/>	$29! + 1$	

Click to Save Answer & Move to Next Question



MC200204984: GHULAM SAJJAD

Time Left 64 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 20 of 30 ( Start time: 08:15:09 PM, 10 July 2020 )

Total Marks: 1

Given  $f(x)=2x-1$ , find  $f(-3)$

Select the correct option

<input type="radio"/>	-5	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	5	
<input type="radio"/>	6	
<input checked="" type="radio"/>	-6	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200204984: GHULAM SAJJAD

Time Left 82 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 21 of 30 ( Start time: 08:15:50 PM, 10 July 2020 )

Total Marks: 1

An unordered collection of distinct objects

Select the correct option

<input checked="" type="radio"/>	Set	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Universal set	
<input type="radio"/>	Proper subse	
<input type="radio"/>	Proper set	

Click to Save Answer & Move to Next Question



MC200204984: GHULAM SAJJAD

Time Left 78 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 22 of 30 ( Start time: 08:16:14 PM, 10 July 2020 )

Total Marks: 1

If we solve  $ax^2 + bx + c = 0$  by completing square method, we get

Select the correct option

Reload Math Equations

<input type="radio"/>	Cramer's rule	
<input checked="" type="radio"/>	Quadratic formula	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	De Morgan's Law	
<input type="radio"/>	None of these	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200204984: GHULAM SAJJAD

Time Left 51 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 23 of 30 ( Start time: 08:16:43 PM, 10 July 2020 )

Total Marks: 1

Number of basic techniques for solving a quadratic equation are

Select the correct option

<input type="radio"/>	Two	
<input checked="" type="radio"/>	Three	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Four	
<input type="radio"/>	None of these	

Click to Save Answer & Move to Next Question



MC200204984: GHULAM SAJJAD

Time Left 18 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 24 of 30 ( Start time: 08:17:41 PM, 10 July 2020 )

Total Marks: 1

The value of  ${}^{10}C_9$

Select the correct option

Reload Math Equations

<input type="radio"/>	45	
<input type="radio"/>	25	
<input type="radio"/>	35	
<input checked="" type="radio"/>	10	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200204984: GHULAM SAJJAD

Time Left 40 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 25 of 30 ( Start time: 08:19:26 PM, 10 July 2020 )

Total Marks: 1

4,7,12,19,28,?

Select the correct option

- |                                  |    |   |
|----------------------------------|----|---|
| <input type="radio"/>            | 49 |   |
| <input type="radio"/>            | 36 |   |
| <input type="radio"/>            | 30 |   |
| <input checked="" type="radio"/> | 39 | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |

Click to Save Answer & Move to Next Question



MC200204984: GHULAM SAJJAD

Time Left 35 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 26 of 30 ( Start time: 08:20:35 PM, 10 July 2020 )

Total Marks: 1

$\csc \theta = \frac{1}{\sin \theta}$  is the

Select the correct option

Reload Math Equations

- |                                  |                     |   |
|----------------------------------|---------------------|---|
| <input type="radio"/>            | Periodic Property   |   |
| <input checked="" type="radio"/> | Reciprocal Property | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | Even Odd Property   |   |
| <input type="radio"/>            | None of these       |   |

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200204984: GHULAM SAJJAD

Time Left 64 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 27 of 30 ( Start time: 08:22:00 PM, 10 July 2020 )

Total Marks: 1

0.333333 is

Select the correct option

<input checked="" type="radio"/>	Rational Number	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Irrational Number	
<input type="radio"/>	Whole Number	
<input type="radio"/>	Natural Number	

Click to Save Answer & Move to Next Question



MC200204984: GHULAM SAJJAD

Time Left 65 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 28 of 30 ( Start time: 08:22:43 PM, 10 July 2020 )

Total Marks: 1

$z = a + ib$ , its conjugate is defined as

Select the correct option

Reload Math Equations

<input type="radio"/>	$z^* = a + ib$	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$\bar{z} = a - ib$	
<input checked="" type="radio"/>	$z^* = a - ib$	
<input type="radio"/>	$\vec{z} = a - ib$	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200204984: GHULAM SAJJAD

Time Left 11 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 29 of 30 ( Start time: 08:23:29 PM, 10 July 2020 )

Total Marks: 1

If a function is to have an inverse which is also a function then it must be

Select the correct option

<input checked="" type="radio"/>	One to One Funtion	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	One to many Function	
<input type="radio"/>	Odd Function	
<input type="radio"/>	Linea Function	

Click to Save Answer & Move to Next Question



MC200204984: GHULAM SAJJAD

Time Left 35 sec(s)

STA100:Grand Quiz

Quiz Start Time: 07:55 PM, 10 July 2020

Question # 30 of 30 ( Start time: 08:25:23 PM, 10 July 2020 )

Total Marks: 1

Which of the following property of matrix multiplication is correct

**Make sure**

Select the correct option

<input type="radio"/>	Multiplication is not commutative in genral	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Multiplication is associative	
<input type="radio"/>	Multiplication is distributive over addition	
<input checked="" type="radio"/>	All of the mentioned	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 03:03 AM, 11 July 2020

Question # 1 of 30 ( Start time: 03:03:43 AM, 11 July 2020 )

Total Marks: 1

A relation is a set of

Select the correct option

<input type="radio"/>	Functions	
<input type="radio"/>	Y values	
<input type="radio"/>	Frogs	
<input checked="" type="radio"/>	Ordered pairs	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 03:03 AM, 11 July 2020

Question # 2 of 30 ( Start time: 03:04:54 AM, 11 July 2020 )

Total Marks: 1

Which is not the property of Gradient

Select the correct option

<input type="radio"/>	The bigger the gradient's magnitude is, the steeper the line segment.	
<input type="radio"/>	Two line segments that are parallel will have the same slope.	
<input type="radio"/>	Positive gradient means the line is facing upwards.	
<input checked="" type="radio"/>	Positive gradient means line is facing upwards.	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**



# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 03:03 AM, 11 July 2020

Question # 3 of 30 ( Start time: 03:05:07 AM, 11 July 2020 )

Total Marks: 1

How many three letter words are formed using the letters of the word TIME?

Select the correct option

<input type="radio"/>	12	
<input type="radio"/>	20	
<input type="radio"/>	16	
<input checked="" type="radio"/>	24	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 03:03 AM, 11 July 2020

Question # 4 of 30 ( Start time: 03:06:41 AM, 11 July 2020 )

Total Marks: 1

Mappings where two or more members of the pre-image are mapped to exactly one member of the image.

Select the correct option

<input type="radio"/>	One-One Relations	
<input checked="" type="radio"/>	Many - One Relations	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	One-Many Relations	
<input type="radio"/>	Many - Many Relations	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**



# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 03:03 AM, 11 July 2020

Question # 5 of 30 ( Start time: 03:07:32 AM, 11 July 2020 )

Total Marks: 1

$$\csc \theta = \frac{1}{\sin \theta} \text{ is the}$$

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	Even Odd Property
<input type="radio"/>	Periodic Property
<input checked="" type="radio"/>	Reciprocal Property
<input type="radio"/>	None of these

**Answer solved by Amaan Khan**  
**Contact: 0305-4716616**  
**Email: maniamaan2@gmail.com**

[Click to Save Answer & Move to Next Question](#)



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 03:03 AM, 11 July 2020

Question # 6 of 30 ( Start time: 03:08:07 AM, 11 July 2020 )

Total Marks: 1

$$\sec \theta =$$

Select the correct option

[Reload Math Equations](#)

<input checked="" type="radio"/>	$\frac{1}{\cos \theta}$	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	$\frac{1}{\sin \theta}$	
<input type="radio"/>	$\frac{1}{\tan \theta}$	
<input type="radio"/>	$\frac{\sin \theta}{\cos \theta}$	

[Click to Save Answer & Move to Next Question](#)



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 03:03 AM, 11 July 2020

Question # 7 of 30 ( Start time: 03:08:28 AM, 11 July 2020 )

Total Marks: 1

If we solve  $ax^2 + bx + c = 0$  by completing square method, we get

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	Cramer's rule
<input checked="" type="radio"/>	Quadratic formula
<input type="radio"/>	De Morgan's Law
<input type="radio"/>	None of these

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)

STA100:Grand Quiz

3:08 AM  
11-Jul-20  
Quiz Start Time: 03:03 AM, 11 July 2020

Question # 8 of 30 ( Start time: 03:08:41 AM, 11 July 2020 )

Total Marks: 1

The  $n^{\text{th}}$  term of an A.P. is given by  $a_n = 3 + 4n$ . The common difference is

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	7
<input type="radio"/>	3
<input checked="" type="radio"/>	4
<input type="radio"/>	1

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 03:03 AM, 11 July 2020

Question # 9 of 30 ( Start time: 03:08:54 AM, 11 July 2020 )

Total Marks: 1

$\sin \theta$  is negative in the

Select the correct option

- |                                  |                               |  |
|----------------------------------|-------------------------------|--|
| <input type="radio"/>            | First and the third quadrant  | <b>Answer solved by Amaan Khan</b><br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | Second and the first quadrant |  |
| <input checked="" type="radio"/> | Third and the fourth quadrant |  |
| <input type="radio"/>            | Second and the third quadrant |  |

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, VLC, File Explorer, Firefox, PDF Reader, and Chrome. System tray shows date/time (3:09 AM, 11-Jul-20) and network status.

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 03:03 AM, 11 July 2020

Question # 10 of 30 ( Start time: 03:09:34 AM, 11 July 2020 )

Total Marks: 1

$z = a + ib$ , its conjugate is defined as

Select the correct option

Reload Math Equations

- |                                  |                      |  |
|----------------------------------|----------------------|--|
| <input type="radio"/>            | $z^* = a + ib$       | <b>Answer solved by Amaan Khan</b><br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | $\tilde{z} = a - ib$ |  |
| <input checked="" type="radio"/> | $z^* = a - ib$       |  |
| <input type="radio"/>            | $\vec{z} = a - ib$   |  |

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, VLC, File Explorer, Firefox, PDF Reader, and Chrome. System tray shows date/time (3:09 AM, 11-Jul-20) and network status.

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 03:03 AM, 11 July 2020

Question # 11 of 30 ( Start time: 03:09:50 AM, 11 July 2020 )

Total Marks: 1

$f(x) = x^2 + 6$  and  $g(x) = 2x - 1$  then  $(f \circ g)(x)$  is equal to

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	$4x^2 - 4x + 7$
<input type="radio"/>	$4x^2 + 4x + 7$
<input checked="" type="radio"/>	$4x^2 + 4x - 7$
<input type="radio"/>	$4x^2 - 4x - 7$

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)



STA100:Grand Quiz

Quiz Start Time: 03:03 AM, 11 July 2020

Question # 12 of 30 ( Start time: 03:10:09 AM, 11 July 2020 )

Total Marks: 1

Equation having same solution are called

Select the correct option

<input checked="" type="radio"/>	Exponential equations	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Radical equations	
<input type="radio"/>	Simultaneous equations	
<input type="radio"/>	Reciprocal equations	

[Click to Save Answer & Move to Next Question](#)



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 03:03 AM, 11 July 2020

Question # 13 of 30 ( Start time: 03:10:25 AM, 11 July 2020 )

Total Marks: 1

Which relation is true

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	$N \supset Z \supset Q \supset R$	
<input type="radio"/>	$N \supset Z \supset Q \supset R$	
<input checked="" type="radio"/>	$N \subset Z \subset Q \subset R$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$N \subseteq Z \subseteq Q \subseteq R$	

[Click to Save Answer & Move to Next Question](#)



STA100:Grand Quiz

Quiz Start Time: 03:03 AM, 11 July 2020

Question # 14 of 30 ( Start time: 03:11:29 AM, 11 July 2020 )

Total Marks: 1

If 2 sets A and B are given, then set consisting of all elements which are either in A or in B or in both is called

Select the correct option

<input type="radio"/>	Intersection of A and B	
<input checked="" type="radio"/>	Union of A and B	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Complement of A	
<input type="radio"/>	Complement of B	

[Click to Save Answer & Move to Next Question](#)



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 03:03 AM, 11 July 2020

Question # 15 of 30 ( Start time: 03:12:47 AM, 11 July 2020 )

Total Marks: 1

Which of the following property of matrix multiplication is correct

Select the correct option

<input type="radio"/>	Multiplication is not commutative in general	
<input type="radio"/>	Multiplication is associative	
<input type="radio"/>	Multiplication is distributive over addition	
<input checked="" type="radio"/>	All of the mentioned	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 03:03 AM, 11 July 2020

Question # 16 of 30 ( Start time: 03:13:04 AM, 11 July 2020 )

Total Marks: 1

The set of vowels in English alphabet contains elements

Select the correct option

<input type="radio"/>	{a, b, c, d, e, f}	
<input checked="" type="radio"/>	{a, e, i, o, u}	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	{p, q, r, s, t}	
<input type="radio"/>	{l, m, n, o, p}	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 03:03 AM, 11 July 2020

Question # 17 of 30 ( Start time: 03:13:18 AM, 11 July 2020 )

Total Marks: 1

The set  $\{x: x \text{ is an odd number between } 10 \text{ and } 18\}$

Select the correct option

<input type="radio"/>	$\{11, 12, 13, 15, 17\}$	
<input type="radio"/>	$\{12, 16, 15, 13\}$	
<input checked="" type="radio"/>	$\{11, 13, 15, 17\}$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$\{12, 14, 16, 18\}$	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 03:03 AM, 11 July 2020

Question # 18 of 30 ( Start time: 03:14:03 AM, 11 July 2020 )

Total Marks: 1

If every element of set A is an element of set B is denoted by

Select the correct option

Reload Math Equations

<input type="radio"/>	$A \subset B$	
<input checked="" type="radio"/>	$A \subseteq B$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$A \cap B$	
<input type="radio"/>	$A = B$	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**



# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 03:03 AM, 11 July 2020

Question # 19 of 30 ( Start time: 03:15:01 AM, 11 July 2020 )

Total Marks: 1

A diagonal matrix having equal elements is called a

Select the correct option

<input type="radio"/>	Square matrix	
<input type="radio"/>	Identical matrix	
<input checked="" type="radio"/>	Scalar matrix	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Rectangular matrix	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 03:03 AM, 11 July 2020

Question # 20 of 30 ( Start time: 03:15:18 AM, 11 July 2020 )

Total Marks: 1

Look at this series: 22, 21, 23, 22, 24, 23, ....What number should come next?

Select the correct option

<input type="radio"/>	22	
<input checked="" type="radio"/>	24	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	25	
<input type="radio"/>	26	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 03:03 AM, 11 July 2020

Question # 21 of 30 ( Start time: 03:16:01 AM, 11 July 2020 )

Total Marks: 1

If  $A = \{2, 3, 4, 5, 6\}$  and  $B = \{4, 5, 6, 7\}$  then  $A \cap B$  should be

Select the correct option

<input type="radio"/>	$\{2, 3, 4, 5, 6, 7\}$	
<input type="radio"/>	$\{4, 5, 6, 7\}$	
<input checked="" type="radio"/>	$\{4, 5, 6\}$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$\{0\}$	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 03:03 AM, 11 July 2020

Question # 22 of 30 ( Start time: 03:16:13 AM, 11 July 2020 )

Total Marks: 1

The  $n^{\text{th}}$  term of an A.P. 5, 2, - 1, - 4, - 7 is

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	$2n + 5$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$2n - 5$	
<input type="radio"/>	$8 - 3n$	
<input type="radio"/>	$3n - 8$	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 03:03 AM, 11 July 2020

Question # 23 of 30 ( Start time: 03:17:50 AM, 11 July 2020 )

Total Marks: 1

$$\cot \theta =$$

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	$\frac{1}{\sin \theta}$	
<input checked="" type="radio"/>	$\frac{1}{\tan \theta}$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$\frac{\sin \theta}{\cos \theta}$	
<input type="radio"/>	$\frac{1}{\cos \theta}$	

[Click to Save Answer & Move to Next Question](#)

STA100:Grand Quiz

Quiz Start Time: 03:03 AM, 11 July 2020

Question # 24 of 30 ( Start time: 03:18:39 AM, 11 July 2020 )

Total Marks: 1

The range of  $R = \{(0, 2), (2, 4), (3, 4), (4, 5)\}$  is

Select the correct option

<input type="radio"/>	{0, 2, 4, 5}	
<input type="radio"/>	{0, 2, 3, 4}	
<input checked="" type="radio"/>	{2, 4, 5}	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	{3, 4, 5}	

[Click to Save Answer & Move to Next Question](#)

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 03:03 AM, 11 July 2020

Question # 25 of 30 ( Start time: 03:19:02 AM, 11 July 2020 )

Total Marks: 1

Find the next term of this sequence 11, 13, 17, 19, 23, \_\_

Select the correct option

<input checked="" type="radio"/>	25	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	//
<input type="radio"/>	27		//
<input type="radio"/>	29		//
<input type="radio"/>	31		//



Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 03:03 AM, 11 July 2020

Question # 26 of 30 ( Start time: 03:20:12 AM, 11 July 2020 )

Total Marks: 1

Sets are generally represented by

Select the correct option

<input type="radio"/>	Small letters		//
<input type="radio"/>	Greek letters		//
<input checked="" type="radio"/>	Capital letters	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	//
<input type="radio"/>	None of these		//

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 03:03 AM, 11 July 2020

Question # 27 of 30 ( Start time: 03:20:25 AM, 11 July 2020 )

Total Marks: 1

$$(a + bi) + (c + di)$$

Select the correct option

[Reload Math Equations](#)

<input checked="" type="radio"/>	$(a + c) + (b + d)i$	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	$(a + c) - (b + d)i$	
<input type="radio"/>	$(a - c) + (b - d)i$	
<input type="radio"/>	$(a - c) + (b + d)i$	

[Click to Save Answer & Move to Next Question](#)

STA100:Grand Quiz

Quiz Start Time: 03:03 AM, 11 July 2020

Question # 28 of 30 ( Start time: 03:20:45 AM, 11 July 2020 )

Total Marks: 1

If a, b, c are in GP then relation between a, b, c can be

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	$2b = 2a + 3c$	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	$2b = 2a + 3c$	
<input type="radio"/>	$2c = a + c$	
<input checked="" type="radio"/>	$b = (ac)^{1/2}$	

[Click to Save Answer & Move to Next Question](#)

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 03:03 AM, 11 July 2020

Question # 29 of 30 ( Start time: 03:21:40 AM, 11 July 2020 )

Total Marks: 1

Another name for a quadratic equation is

Select the correct option

<input checked="" type="radio"/>	Linear	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>	//
<input type="radio"/>	2nd degree		//
<input type="radio"/>	Cubic		//
<input type="radio"/>	None of these		//

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 03:03 AM, 11 July 2020

Question # 30 of 30 ( Start time: 03:21:53 AM, 11 July 2020 )

Total Marks: 1

Axis of symmetry in form of vertical line separates parabola into

Select the correct option

<input type="radio"/>	Three equal halves	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>	//
<input checked="" type="radio"/>	Two equal halves		//
<input type="radio"/>	For equal halves		//
<input type="radio"/>	Five equal halves		//

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200204068: MAZHAR UL HASAN

Time Left 72 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 1 of 30 ( Start time: 03:25:42 AM, 11 July 2020 )

Total Marks: 1

If  $f(-x) = f(x)$  for every number  $x$  in domain of  $f$ , then  $f$  is

Select the correct option

Reload Math Equations

<input type="radio"/>	linear function
<input type="radio"/>	Periodic function
<input checked="" type="radio"/>	Even function
<input type="radio"/>	Odd function

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

MC200204068: MAZHAR UL HASAN

Time Left 86 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 2 of 30 ( Start time: 03:26:21 AM, 11 July 2020 )

Total Marks: 1

The smallest interval for which the function repeats itself is called its

Select the correct option

<input checked="" type="radio"/>	Period
<input type="radio"/>	Slope
<input type="radio"/>	Amplitude
<input type="radio"/>	None of these

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

**EFFORT BY AMAAN KHAN**



# VU Medical Zone

MC200204068: MAZHAR UL HASAN

Time Left 84 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 3 of 30 ( Start time: 03:26:33 AM, 11 July 2020 )

Total Marks: 1

If we solve  $ax^2 + bx + c = 0$  by completing square method, we get

Select the correct option

Reload Math Equations

<input type="radio"/>	Cramer's rule
<input checked="" type="radio"/>	Quadratic formula
<input type="radio"/>	De Morgan's Law
<input type="radio"/>	None of these

Click to Save Answer & Move to Next Question



MC200204068: MAZHAR UL HASAN

Time Left 83 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 4 of 30 ( Start time: 03:26:45 AM, 11 July 2020 )

Total Marks: 1

In quadratic equation, When a is positive then

Select the correct option

<input checked="" type="radio"/>	Graph concaves downward
<input type="radio"/>	Graph concaves upward
<input type="radio"/>	Graph moves c units up
<input type="radio"/>	Graph moves c units down

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200204068: MAZHAR UL HASAN

Time Left 82 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 5 of 30 ( Start time: 03:27:00 AM, 11 July 2020 )

Total Marks: 1

Graph is symmetric with respect to the origin is the graph of an

Select the correct option

<input type="radio"/>	Even function	
<input checked="" type="radio"/>	Odd Function function	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Linear function	
<input type="radio"/>	Exponentislfuction	

Click to Save Answer & Move to Next Question



MC200204068: MAZHAR UL HASAN

Time Left 65 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 6 of 30 ( Start time: 03:27:16 AM, 11 July 2020 )

Total Marks: 1

$\cos\theta$  is nagative in the

Select the correct option

Reload Math Equations

<input type="radio"/>	Second and the fourth quadrant	
<input checked="" type="radio"/>	Second and the third quadrant	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Second and the first quadrant	
<input type="radio"/>	First and the third quadrant	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200204068: MAZHAR UL HASAN

Time Left 85 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 7 of 30 ( Start time: 03:27:57 AM, 11 July 2020 )

Total Marks: 1

0.333333 is

Select the correct option

<input checked="" type="radio"/>	Rational Number	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Irrational Number	
<input type="radio"/>	Whole Number	
<input type="radio"/>	Natural Number	

Click to Save Answer & Move to Next Question



3:28 AM  
11-Jul-20

MC200204068: MAZHAR UL HASAN

Time Left 84 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 8 of 30 ( Start time: 03:28:09 AM, 11 July 2020 )

Total Marks: 1

An unordered collection of distinct objects

Select the correct option

<input checked="" type="radio"/>	Set	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Universal set	
<input type="radio"/>	Proper subse	
<input type="radio"/>	Proper set	

Click to Save Answer & Move to Next Question



3:28 AM  
11-Jul-20

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200204068: MAZHAR UL HASAN

Time Left 84 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 9 of 30 ( Start time: 03:28:22 AM, 11 July 2020 )

Total Marks: 1

If a, b, c are in GP then relation between a, b, c can be

Select the correct option

Reload Math Equations

<input type="radio"/>	$2b = 2a + 3c$
<input type="radio"/>	$2b = 2a + 3c$
<input type="radio"/>	$2c = a + c$
<input checked="" type="radio"/>	$b = (ac)^{1/2}$

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



MC200204068: MAZHAR UL HASAN

Time Left 85 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 10 of 30 ( Start time: 03:28:35 AM, 11 July 2020 )

Total Marks: 1

In the expansion  $(a + x)^n$ , the sum of exponents of a and x is

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	$n$
<input type="radio"/>	$n - 1$
<input type="radio"/>	$n + 1$
<input type="radio"/>	$2n$

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200204068: MAZHAR UL HASAN

Time Left 63 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 11 of 30 ( Start time: 03:28:47 AM, 11 July 2020 )

Total Marks: 1

The number of ways in which four books can be arranged on a shelf are:

Select the correct option

<input type="radio"/>	4	
<input type="radio"/>	6	
<input type="radio"/>	12	
<input checked="" type="radio"/>	24	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



MC200204068: MAZHAR UL HASAN

Time Left 85 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 12 of 30 ( Start time: 03:29:35 AM, 11 July 2020 )

Total Marks: 1

Which is the following relation is a function

Select the correct option

<input type="radio"/>	$\{(0,0), (0,1), (1,2)\}$	
<input type="radio"/>	$\{(3,1), (4,1), (3,2)\}$	
<input checked="" type="radio"/>	$\{(0,0), (1,2), (2,3)\}$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$\{(1,1), (1,2), (1,3)\}$	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200204068: MAZHAR UL HASAN

Time Left 83 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 13 of 30 ( Start time: 03:29:46 AM, 11 July 2020 )

Total Marks: 1

The range of  $R = \{(0, 2), (2, 4), (3, 4), (4, 5)\}$  is

Select the correct option

<input type="radio"/>	{0, 2, 4, 5}	
<input type="radio"/>	{0, 2, 3, 4}	
<input checked="" type="radio"/>	{2, 4, 5}	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	{3, 4, 5}	

Click to Save Answer & Move to Next Question



MC200204068: MAZHAR UL HASAN

Time Left 83 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 14 of 30 ( Start time: 03:29:59 AM, 11 July 2020 )

Total Marks: 1

The set  $\{x: x \text{ is an odd number between } 10 \text{ and } 18\}$

Select the correct option

<input type="radio"/>	{11, 12, 13, 15, 17}	
<input type="radio"/>	{12, 16, 15, 13}	
<input checked="" type="radio"/>	{11, 13, 15, 17}	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	{12, 14, 16, 18}	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**



# VU Medical Zone

MC200204068: MAZHAR UL HASAN

Time Left 84 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 15 of 30 ( Start time: 03:30:12 AM, 11 July 2020 )

Total Marks: 1

The horizontal lines of numbers in a matrix is called

Select the correct option

<input type="radio"/>	Column	
<input checked="" type="radio"/>	Rows	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Row Matrix	
<input type="radio"/>	Column Matrix	

Click to Save Answer & Move to Next Question



MC200204068: MAZHAR UL HASAN

Time Left 85 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 16 of 30 ( Start time: 03:30:25 AM, 11 July 2020 )

Total Marks: 1

Which is the best example of additive inverse

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	$7 + (-7) = 0$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$7 * \frac{1}{7}$	
<input type="radio"/>	$7 - 7 = 0$	
<input type="radio"/>	$7 * 1 = 7$	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**



# VU Medical Zone

MC200204068: MAZHAR UL HASAN

Time Left 83 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 17 of 30 ( Start time: 03:30:37 AM, 11 July 2020 )

Total Marks: 1

The vertical lines of numbers in a matrix are called

Select the correct option

<input type="radio"/>	Rows	
<input checked="" type="radio"/>	Columns	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Column Matrix	
<input type="radio"/>	Row Matrix	

Click to Save Answer & Move to Next Question



MC200204068: MAZHAR UL HASAN

Time Left 83 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 18 of 30 ( Start time: 03:30:51 AM, 11 July 2020 )

Total Marks: 1

If any matrix A has only one column, then it is called

Select the correct option

<input type="radio"/>	Row Matrix	
<input checked="" type="radio"/>	Column Matrix	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Square Matrix	
<input type="radio"/>	Rectangular Matrix	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200204068: MAZHAR UL HASAN

Time Left 84 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 19 of 30 ( Start time: 03:31:05 AM, 11 July 2020 )

Total Marks: 1

Roots of  $x^2 + 8x + 12$  are

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	- 2, - 6	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	- 2, 6	
<input type="radio"/>	2, - 6	
<input type="radio"/>	2, 6	

Click to Save Answer & Move to Next Question



3:31 AM  
11-Jul-20

MC200204068: MAZHAR UL HASAN

Time Left 76 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 20 of 30 ( Start time: 03:31:17 AM, 11 July 2020 )

Total Marks: 1

The domain of  $R = \{(0, 2), (2, 4), (3, 4), (4, 5)\}$  is

Select the correct option

<input type="radio"/>	{0, 2, 4, 5}	
<input checked="" type="radio"/>	{0, 2, 3, 4}	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	{2, 4, 5}	
<input type="radio"/>	{3, 4, 5}	

Click to Save Answer & Move to Next Question



3:31 AM  
11-Jul-20

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200204068: MAZHAR UL HASAN

Time Left 85 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 21 of 30 ( Start time: 03:31:40 AM, 11 July 2020 )

Total Marks: 1

From all the letters of the word "THURSDAY", how many different words can be formed?

Select the correct option

Reload Math Equations

<input type="radio"/>	8
<input type="radio"/>	7
<input checked="" type="radio"/>	8!
<input type="radio"/>	7!

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



3:31 AM  
11-Jul-20

MC200204068: MAZHAR UL HASAN

Time Left 83 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 22 of 30 ( Start time: 03:31:53 AM, 11 July 2020 )

Total Marks: 1

$\csc \theta = \frac{1}{\sin \theta}$  is the

Select the correct option

Reload Math Equations

<input type="radio"/>	Periodic Property
<input checked="" type="radio"/>	Reciprocal Property
<input type="radio"/>	Even Odd Property
<input type="radio"/>	None of these

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



3:32 AM  
11-Jul-20

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200204068: MAZHAR UL HASAN

Time Left 85 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 23 of 30 ( Start time: 03:32:07 AM, 11 July 2020 )

Total Marks: 1

.The first term and common difference for the A.P. 3, 1, -1, -3 is

Select the correct option

<input type="radio"/>	1 and 3	
<input type="radio"/>	-1 and 3	
<input checked="" type="radio"/>	3 and -2	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	2 and 3	

Click to Save Answer & Move to Next Question



MC200204068: MAZHAR UL HASAN

Time Left 69 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 24 of 30 ( Start time: 03:32:18 AM, 11 July 2020 )

Total Marks: 1

$\tan \theta$  is negative in the

Select the correct option

Reload Math Equations

<input type="radio"/>	Third and the fourth quadrant	
<input type="radio"/>	Second and the third quadrant	
<input checked="" type="radio"/>	Second and the fourth quadrant	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	First and the third quadrant	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200204068: MAZHAR UL HASAN

Time Left 83 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 25 of 30 ( Start time: 03:32:52 AM, 11 July 2020 )

Total Marks: 1

We can add two matrices having real numbers A and B if their

Select the correct option

<input checked="" type="radio"/>	Order is same	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	Rows are same	
<input type="radio"/>	Columns are same	
<input type="radio"/>	Elements are same	

Click to Save Answer & Move to Next Question



MC200204068: MAZHAR UL HASAN

Time Left 84 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 26 of 30 ( Start time: 03:33:06 AM, 11 July 2020 )

Total Marks: 1

How many three letter words are formed using the letters of the word TIME?

Select the correct option

<input type="radio"/>	12	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	20	
<input type="radio"/>	16	
<input checked="" type="radio"/>	24	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200204068: MAZHAR UL HASAN

Time Left 85 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 27 of 30 ( Start time: 03:33:19 AM, 11 July 2020 )

Total Marks: 1

The graph of a quadratic function will form

Select the correct option

<input checked="" type="radio"/>	Parabola	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Hyperbola	
<input type="radio"/>	Quarter graph	
<input type="radio"/>	Composite graph	

Click to Save Answer & Move to Next Question



MC200204068: MAZHAR UL HASAN

Time Left 29 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 28 of 30 ( Start time: 03:33:32 AM, 11 July 2020 )

Total Marks: 1

$$(A \cap B) \cap C = B \cap (A \cap C)$$

Select the correct option

Reload Math Equations

<input type="radio"/>	Commutative Property of Union	
<input type="radio"/>	Commutative Property of Intersection	
<input type="radio"/>	Associative Property of Union	
<input checked="" type="radio"/>	Associative Property of Intersection	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**



# VU Medical Zone

MC200204068: MAZHAR UL HASAN

Time Left 85 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 29 of 30 ( Start time: 03:34:54 AM, 11 July 2020 )

Total Marks: 1

The solutions of the quadratic equation are also called its

Select the correct option

<input type="radio"/>	Factors	
<input checked="" type="radio"/>	Roots	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Coefficients	
<input type="radio"/>	None of these	

Click to Save Answer & Move to Next Question



MC200204068: MAZHAR UL HASAN

Time Left 74 sec(s)

STA100:Grand Quiz

Quiz Start Time: 03:25 AM, 11 July 2020

Question # 30 of 30 ( Start time: 03:35:08 AM, 11 July 2020 )

Total Marks: 1

Insert the missing number  
5, 17, 14, 26, 23, 35, 32, \_\_\_\_

Select the correct option

<input checked="" type="radio"/>	34	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	44	
<input type="radio"/>	54	
<input type="radio"/>	64	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**



# VU Medical Zone

MC200201417: MOHAMMAD HANIF

Time Left 36 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 1 of 30 ( Start time: 12:26:29 AM, 10 July 2020 )

Total Marks: 1

If the order of matrix A is  $m \times p$  and the order of B is  $p \times n$ . Then the order of matrix AB is

Select the correct option

<input checked="" type="radio"/>	$m \times n$	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$n \times m$	
<input type="radio"/>	$n \times p$	
<input type="radio"/>	$m \times p$	

Click to Save Answer & Move to Next Question



MC200201417: MOHAMMAD HANIF

Time Left 73 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 2 of 30 ( Start time: 12:27:52 AM, 10 July 2020 )

Total Marks: 1

The objects in a set are called

Select the correct option

<input type="radio"/>	Numbers	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Terms	
<input checked="" type="radio"/>	Elements	
<input type="radio"/>	none of these	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200201417: MOHAMMAD HANIF

Time Left 21 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 3 of 30 ( Start time: 12:28:23 AM, 10 July 2020 )

Total Marks: 1

If p, q, r and s are in A.P. then r - q is

**Make sure**

Select the correct option

<input checked="" type="radio"/>	s - p	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	s - q	
<input type="radio"/>	s - r	
<input type="radio"/>	None of these	



Click to Save Answer & Move to Next Question



MC200201417: MOHAMMAD HANIF

Time Left 16 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 4 of 30 ( Start time: 12:29:43 AM, 10 July 2020 )

Total Marks: 1

$\tan \theta$  is negative in the

Select the correct option

Reload Math Equations

<input type="radio"/>	Third and the fourth quadrant
<input type="radio"/>	Second and the third quadrant
<input checked="" type="radio"/>	Second and the fourth quadrant
<input type="radio"/>	First and the third quadrant



Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200201417: MOHAMMAD HANIF

Time Left 19 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 5 of 30 ( Start time: 12:31:27 AM, 10 July 2020 )

Total Marks: 1

From all the letters of the word "THURSDAY", how many different words can be formed?

Select the correct option

Reload Math Equations

<input type="radio"/>	8	
<input type="radio"/>	7	
<input checked="" type="radio"/>	8!	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	7!	

Click to Save Answer & Move to Next Question



MC200201417: MOHAMMAD HANIF

Time Left 24 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 6 of 30 ( Start time: 12:32:54 AM, 10 July 2020 )

Total Marks: 1

A quadratic equation which cannot be solved by factorization, that will be solved by

Select the correct option

<input type="radio"/>	Comparing coefficients	
<input checked="" type="radio"/>	Completing square	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Both a and b	
<input type="radio"/>	None of these	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200201417: MOHAMMAD HANIF

Time Left 46 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 7 of 30 ( Start time: 12:34:36 AM, 10 July 2020 )

Total Marks: 1

If the number of columns and rows are not equal in a matrix, then it is said to be a

Select the correct option

<input checked="" type="radio"/>	Rectangular matrix	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Square matrix	
<input type="radio"/>	Diagonal matrix	
<input type="radio"/>	Null matrix	

Click to Save Answer & Move to Next Question



12:35 AM  
10-Jul-20

MC200201417: MOHAMMAD HANIF

Time Left 47 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 8 of 30 ( Start time: 12:35:51 AM, 10 July 2020 )

Total Marks: 1

Let the sequence be 1, 3, 5, 7, 9..... then this sequence is

Select the correct option

<input checked="" type="radio"/>	An airthmetic sequence	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	A geometric progression	
<input type="radio"/>	A harmonic sequence	
<input type="radio"/>	None of the mentioned	

Click to Save Answer & Move to Next Question



12:36 AM  
10-Jul-20

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200201417: MOHAMMAD HANIF

Time Left 38 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 9 of 30 ( Start time: 12:36:50 AM, 10 July 2020 )

Total Marks: 1

If  $f(-x) = f(x)$  for every number  $x$  in domain of  $f$ , then  $f$  is

Select the correct option

Reload Math Equations

<input type="radio"/>	linear function
<input type="radio"/>	Periodic function
<input checked="" type="radio"/>	Even function
<input type="radio"/>	Odd function

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



MC200201417: MOHAMMAD HANIF

Time Left 55 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 10 of 30 ( Start time: 12:38:07 AM, 10 July 2020 )

Total Marks: 1

Which is the best example of additive inverse

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	$7 + (-7) = 0$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$7 * \frac{1}{7}$	
<input type="radio"/>	$7 - 7 = 0$	
<input type="radio"/>	$7 * 1 = 7$	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200201417: MOHAMMAD HANIF

Time Left 17 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 11 of 30 ( Start time: 12:39:01 AM, 10 July 2020 )

Total Marks: 1

The set consisting of all the first elements of each ordered pair in the relation is called

Select the correct option

<input type="radio"/>	Subset	
<input checked="" type="radio"/>	Domain of relation	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Range of relation	
<input type="radio"/>	Complement of a set	



Click to Save Answer & Move to Next Question



MC200201417: MOHAMMAD HANIF

Time Left 20 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 12 of 30 ( Start time: 12:40:41 AM, 10 July 2020 )

Total Marks: 1

Geometric Progression between - 4 and - 9 is

Select the correct option

Reload Math Equations

<input type="radio"/>	$\pm 8$	
<input checked="" type="radio"/>	<b>Make sure</b>	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$\pm 6$	
<input type="radio"/>	- 6	



Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**



# VU Medical Zone

MC200201417: MOHAMMAD HANIF

Time Left 42 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 13 of 30 ( Start time: 12:42:25 AM, 10 July 2020 )

Total Marks: 1

The Quadratic formula for  $ax^2 + bx + c = 0$

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$\frac{-b \pm \sqrt{b^2 + 4ac}}{2a}$	
<input type="radio"/>	$\frac{-b \pm \sqrt{b^2 + 2ac}}{4a}$	
<input type="radio"/>	$\frac{b \pm \sqrt{b^2 - 2ac}}{4a}$	

Click to Save Answer & Move to Next Question

MC200201417: MOHAMMAD HANIF

Time Left 14 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 14 of 30 ( Start time: 12:43:27 AM, 10 July 2020 )

Total Marks: 1

If 2 sets A and B are given, then the set consisting of all the common elements of A and B, then it is called

Select the correct option

<input checked="" type="radio"/>	Intersection of A and B	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Union of A and B	
<input type="radio"/>	Complement of A	
<input type="radio"/>	Complement of B	

Click to Save Answer & Move to Next Question

**EFFORT BY AMAAN KHAN**



# VU Medical Zone

MC200201417: MOHAMMAD HANIF

Time Left 65 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 15 of 30 ( Start time: 12:45:08 AM, 10 July 2020 )

Total Marks: 1

The first term and common difference for the A.P. 3, 1, -1, -3 is

**Make sure**

Select the correct option

<input type="radio"/>	1 and 3	
<input checked="" type="radio"/>	-1 and 3	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	3 and -2	
<input type="radio"/>	2 and 3	

Click to Save Answer & Move to Next Question



MC200201417: MOHAMMAD HANIF

Time Left 83 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 16 of 30 ( Start time: 12:45:40 AM, 10 July 2020 )

Total Marks: 1

Sets are generally represented by

Select the correct option

<input type="radio"/>	Small letters	
<input type="radio"/>	Greek letters	
<input checked="" type="radio"/>	Capital letters	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	None of these	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200201417: MOHAMMAD HANIF

Time Left 27 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 17 of 30 ( Start time: 12:45:55 AM, 10 July 2020 )

Total Marks: 1

In how many ways can the letters of the word 'LEADER' be arranged?

Select the correct option

- |                                  |     |   |
|----------------------------------|-----|---|
| <input type="radio"/>            | 970 |   |
| <input checked="" type="radio"/> | 360 | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | 140 |   |
| <input type="radio"/>            | 72  |   |

Click to Save Answer & Move to Next Question

MC200201417: MOHAMMAD HANIF

Time Left 30 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 18 of 30 ( Start time: 12:47:25 AM, 10 July 2020 )

Total Marks: 1

$$\cos(A - B) =$$

Select the correct option

Reload Math Equations

- |                                  |                                 |   |
|----------------------------------|---------------------------------|---|
| <input checked="" type="radio"/> | $\cos A \cos B + \sin A \sin B$ | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | $\cos B \cos A + \sin A \sin B$ |   |
| <input type="radio"/>            | $\cos A \cos B - \sin A \sin B$ |   |
| <input type="radio"/>            | $\sin A \sin B + \cos A \cos B$ |   |

Click to Save Answer & Move to Next Question

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200201417: MOHAMMAD HANIF

Time Left 14 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 19 of 30 ( Start time: 12:48:59 AM, 10 July 2020 )

Total Marks: 1

The number of terms in the expansion of  $(a + b)^n$  are

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	$n$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$n + 1$	
<input type="radio"/>	$2^n$	
<input type="radio"/>	$2^n + 1$	

Click to Save Answer & Move to Next Question

MC200201417: MOHAMMAD HANIF

Time Left 8 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 20 of 30 ( Start time: 12:50:53 AM, 10 July 2020 )

Total Marks: 1

In how many different ways can the letters of the word 'CORPORATION' be arranged so that the vowels always come together?

Select the correct option

<input type="radio"/>	970	
<input checked="" type="radio"/>	50400	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	4607	
<input type="radio"/>	720	

Click to Save Answer & Move to Next Question

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200201417: MOHAMMAD HANIF

Time Left 14 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 21 of 30 ( Start time: 12:52:46 AM, 10 July 2020 )

Total Marks: 1

$\{ \text{If } A = \{ 2, 3, 4, 5, 6 \} \text{ and } B = \{ 4, 5, 6, 7 \} \text{ then } A \cap B \}$

Select the correct option

- |                                  |                    |   |
|----------------------------------|--------------------|---|
| <input type="radio"/>            | {2, 3, 4, 5, 6, 7} |   |
| <input checked="" type="radio"/> | {4, 5, 6, 7}       | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | {4, 5, 6}          |   |
| <input type="radio"/>            | {0}                |   |

Click to Save Answer & Move to Next Question

MC200201417: MOHAMMAD HANIF

Time Left 40 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 22 of 30 ( Start time: 12:54:29 AM, 10 July 2020 )

Total Marks: 1

$\tan \theta =$

Select the correct option

Reload Math Equations

- |                                  |                                   |   |
|----------------------------------|-----------------------------------|---|
| <input type="radio"/>            | $\frac{\cos \theta}{\sin \theta}$ |   |
| <input checked="" type="radio"/> | $\frac{\sin \theta}{\cos \theta}$ | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | $\frac{1}{\cos \theta}$           |   |
| <input type="radio"/>            | $\frac{1}{\sin \theta}$           |   |

Click to Save Answer & Move to Next Question

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200201417: MOHAMMAD HANIF

Time Left 24 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 23 of 30 ( Start time: 12:55:35 AM, 10 July 2020 )

Total Marks: 1

Which is the following relation is a function

Select the correct option

- ☐  $\{(0,0), (0,1), (1,2)\}$
- ☐  $\{(3,1), (4,1), (3,2)\}$
- ☐  $\{(0,0), (1,2), (2,3)\}$
- ☒  $\{(1,1), (1,2), (1,3)\}$

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

MC200201417: MOHAMMAD HANIF

Time Left 23 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 24 of 30 ( Start time: 12:57:06 AM, 10 July 2020 )

Total Marks: 1

$$i(3i + 2)$$

## Make sure

Select the correct option

Reload Math Equations

- ☐ - 2
- ☐ 2
- ☐ 3
- ☒ - 3

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

MC200201417: MOHAMMAD HANIF

Time Left 51 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 25 of 30 ( Start time: 12:58:33 AM, 10 July 2020 )

Total Marks: 1

$\csc \theta =$

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	$\frac{1}{\sin \theta}$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$\frac{1}{\tan \theta}$	
<input type="radio"/>	$\frac{\sin \theta}{\cos \theta}$	
<input type="radio"/>	$\frac{1}{\cos \theta}$	

Click to Save Answer & Move to Next Question



MC200201417: MOHAMMAD HANIF

Time Left 32 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 26 of 30 ( Start time: 12:59:28 AM, 10 July 2020 )

Total Marks: 1

$z = a + ib$ , its conjugate is defined as

Select the correct option

Reload Math Equations

<input type="radio"/>	$z^* = a + ib$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$\tilde{z} = a - ib$	
<input checked="" type="radio"/>	$z^* = a - ib$	
<input type="radio"/>	$\vec{z} = a - ib$	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**



# VU Medical Zone

MC200201417: MOHAMMAD HANIF

Time Left 61 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 27 of 30 ( Start time: 01:00:48 AM, 10 July 2020 )

Total Marks: 1

$$\text{If } b^2 - 4ac < 0$$

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	there will be no real solutions	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	there will be exactly one real solution	
<input type="radio"/>	there will be two distinct real solutions	
<input type="radio"/>	there will be exactly three real solution	

Click to Save Answer & Move to Next Question



1:01 AM  
10-Jul-20

MC200201417: MOHAMMAD HANIF

Time Left 70 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 28 of 30 ( Start time: 01:01:29 AM, 10 July 2020 )

Total Marks: 1

$$\text{Range of } R = \{ (0, 2), (2, 4), (3, 4), (4, 5) \} \text{ is}$$

Select the correct option

Reload Math Equations

<input type="radio"/>	{0, 2, 4, 5}	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	{0, 2, 3, 4}	
<input checked="" type="radio"/>	{2, 4, 5}	
<input type="radio"/>	{3, 4, 5}	

Click to Save Answer & Move to Next Question



1:01 AM  
10-Jul-20

**EFFORT BY AMAAN KHAN**



# VU Medical Zone

MC200201417: MOHAMMAD HANIF

Time Left 41 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 29 of 30 ( Start time: 01:02:40 AM, 10 July 2020 )

Total Marks: 1

The set consisting of all the second elements of each ordered pair in the relation is called

Select the correct option

<input type="radio"/>	Domain of relation	
<input checked="" type="radio"/>	Range of relation	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Subset	
<input type="radio"/>	Complement of a set	

Click to Save Answer & Move to Next Question



MC200201417: MOHAMMAD HANIF

Time Left 55 sec(s)

STA100:Grand Quiz

Quiz Start Time: 12:17 AM, 10 July 2020

Question # 30 of 30 ( Start time: 01:03:46 AM, 10 July 2020 )

Total Marks: 1

The set consisting of members of the pre-image or inputs of a function is called

Select the correct option

<input checked="" type="radio"/>	Domain	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Range	
<input type="radio"/>	Subset	
<input type="radio"/>	Complement of a set	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 1 of 30 ( Start time: 11:48:46 PM, 10 July 2020 )

Total Marks: 1

Another name for a quadratic equation is

Select the correct option

<input checked="" type="radio"/>	Linear	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	2nd degree	
<input type="radio"/>	Cubic	
<input type="radio"/>	None of these	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 2 of 30 ( Start time: 11:49:07 PM, 10 July 2020 )

Total Marks: 1

The number of terms in the expansion of  $(a + b)^n$  are

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	$n$	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	$n + 1$	
<input type="radio"/>	$2^n$	
<input type="radio"/>	$2^n + 1$	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 3 of 30 ( Start time: 11:50:32 PM, 10 July 2020 )

Total Marks: 1

Insert the missing number  
5, 17, 14, 26, 23, 35, 32, \_\_\_\_

Select the correct option

<input checked="" type="radio"/>	34	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	//
<input type="radio"/>	44		//
<input type="radio"/>	54		//
<input type="radio"/>	64		//

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, VLC, File Explorer, Firefox, PDF Reader, and Chrome. System tray shows network, volume, and clock (11:51 PM, 10-Jul-20).

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 4 of 30 ( Start time: 11:51:15 PM, 10 July 2020 )

Total Marks: 1

The set consisting of members of the pre-image or inputs of a function is called

Select the correct option

<input checked="" type="radio"/>	Domain	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	//
<input type="radio"/>	Range		//
<input type="radio"/>	Subset		//
<input type="radio"/>	Complement of a set		//

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, VLC, File Explorer, Firefox, PDF Reader, and Chrome. System tray shows network, volume, and clock (11:51 PM, 10-Jul-20).

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 5 of 30 ( Start time: 11:51:41 PM, 10 July 2020 )

Total Marks: 1

What comes next in the sequence: 1, 2, 6, 22, \_\_\_\_?

Select the correct option

<input type="radio"/>	82	
<input type="radio"/>	84	
<input checked="" type="radio"/>	86	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	88	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 6 of 30 ( Start time: 11:52:51 PM, 10 July 2020 )

Total Marks: 1

Number in form  $z = a + bi$  where  $a, b \in \mathbb{R}$  and  $i = \sqrt{-1}$  is called a

Select the correct option

Reload Math Equations

<input type="radio"/>	Rational number	
<input checked="" type="radio"/>	Complex number	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Integer	
<input type="radio"/>	Prime number	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 11:48 PM, 10 July 2020

Question # 7 of 30 ( Start time: 11:53:18 PM, 10 July 2020 )

Total Marks: 1

Periodic Property of Tangent is

Select the correct option

Reload Math Equations

<input type="radio"/>	$\tan(\theta \pm 90) = \tan \theta$
<input checked="" type="radio"/>	$\tan(\theta \pm 180) = \tan \theta$
<input type="radio"/>	$\tan(\theta \pm 360) = \tan \theta$
<input type="radio"/>	a and b both

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Quiz Start Time: 11:48 PM, 10 July 2020

Question # 8 of 30 ( Start time: 11:54:34 PM, 10 July 2020 )

Total Marks: 1

$\csc \theta = \frac{1}{\sin \theta}$  is the

Select the correct option

Reload Math Equations

<input type="radio"/>	Even Odd Property
<input type="radio"/>	Periodic Property
<input checked="" type="radio"/>	Reciprocal Property
<input type="radio"/>	None of these

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 9 of 30 ( Start time: 11:55:06 PM, 10 July 2020 )

Total Marks: 1

$$\text{If } b^2 - 4ac < 0$$

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	there will be no real solutions	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	there will be exactly one real solution	
<input type="radio"/>	there will be two distinct real solutions	
<input type="radio"/>	there will be exactly three real solution	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 10 of 30 ( Start time: 11:55:29 PM, 10 July 2020 )

Total Marks: 1

The solutions of the quadratic equation are also called its

Select the correct option

<input type="radio"/>	Factors	
<input checked="" type="radio"/>	Roots	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Coefficients	
<input type="radio"/>	None of these	

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 11 of 30 ( Start time: 11:56:33 PM, 10 July 2020 )

Total Marks: 1

Write the set in the Roster form: The set of first seven natural numbers

Select the correct option

<input checked="" type="radio"/>	{1, 2, 3, 4, 5, 6, 7}	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	{0, 1, 2, 3, 4, 5, 6}	
<input type="radio"/>	{2, 4, 6, 8, 10, 12, 14}	
<input type="radio"/>	{1, 3, 5, 7, 9, 11, 13}	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 12 of 30 ( Start time: 11:56:51 PM, 10 July 2020 )

Total Marks: 1

Roots of  $x^2 + 8x + 12$  are

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	- 2, - 6	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	- 2, 6	
<input type="radio"/>	2, - 6	
<input type="radio"/>	2, 6	

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 13 of 30 ( Start time: 11:58:30 PM, 10 July 2020 )

Total Marks: 1

$\cos\theta$  is positive in the

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	First and the third quadrant
<input checked="" type="radio"/>	First and the fourth quadrant
<input type="radio"/>	Second and the fourth quadrant
<input type="radio"/>	First and the second quadrant

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)

STA100:Grand Quiz

Quiz Start Time: 11:48 PM, 10 July 2020

Question # 14 of 30 ( Start time: 11:59:27 PM, 10 July 2020 )

Total Marks: 1

Which of the following property of matrix multiplication is correct

Select the correct option

<input type="radio"/>	Multiplication is not commutative in general
<input type="radio"/>	Multiplication is associative
<input type="radio"/>	Multiplication is distributive over addition
<input checked="" type="radio"/>	All of the mentioned

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)

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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 16 of 30 ( Start time: 12:01:24 AM, 11 July 2020 )

Total Marks: 1

The set of vowels in English alphabet contains elements

Select the correct option

<input type="radio"/>	{a, b, c, d, e, f}	
<input checked="" type="radio"/>	{a, e, i, o, u}	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	{p, q, r, s, t}	
<input type="radio"/>	{l, m, n, o, p}	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 17 of 30 ( Start time: 12:01:41 AM, 11 July 2020 )

Total Marks: 1

Graph is symmetric with respect to the origin is the graph of an

Select the correct option

<input type="radio"/>	Even function	
<input checked="" type="radio"/>	Odd Function function	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Linear function	
<input type="radio"/>	Exponential function	

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 18 of 30 ( Start time: 12:02:53 AM, 11 July 2020 )

Total Marks: 1

The  $n^{\text{th}}$  term of an A.P. is given by  $a_n = 3 + 4n$ . The common difference is

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	7
<input type="radio"/>	3
<input type="radio"/>	4
<input checked="" type="radio"/>	1

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 19 of 30 ( Start time: 12:03:11 AM, 11 July 2020 )

Total Marks: 1

The  $10^{\text{th}}$  term from the end of the A.P.  $-5, -10, -15, \dots, -1000$  is

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	-955
<input type="radio"/>	-945
<input checked="" type="radio"/>	-950
<input type="radio"/>	-965

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)



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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 20 of 30 ( Start time: 12:04:27 AM, 11 July 2020 )

Total Marks: 1

Periodic Property of Sine is

Select the correct option

Reload Math Equations

<input type="radio"/>	$\sin(\theta \pm 180) = \sin\theta$
<input checked="" type="radio"/>	$\sin(\theta \pm 360) = \sin\theta$
<input type="radio"/>	$\sin(\theta \pm 90) = \sin\theta$
<input type="radio"/>	a and b both

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 21 of 30 ( Start time: 12:05:28 AM, 11 July 2020 )

Total Marks: 1

In the expansion  $(a + x)^n$ , the sum of exponents of a and x is

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	n
<input type="radio"/>	n - 1
<input type="radio"/>	n + 1
<input type="radio"/>	2n

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

Time Left: 00:00:00  
sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 22 of 30 ( Start time: 12:05:47 AM, 11 July 2020 )

Total Marks: 1

Axis of symmetry in form of vertical line separates parabola into

Select the correct option

<input type="radio"/>	Three equal halves	
<input checked="" type="radio"/>	Two equal halves	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	For equal halves	
<input type="radio"/>	Five equal halves	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

Time Left: 00:00:00  
sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 23 of 30 ( Start time: 12:06:09 AM, 11 July 2020 )

Total Marks: 1

${}^6P_1$  is equal to

Select the correct option

Reload Math Equations

<input type="radio"/>	18	
<input type="radio"/>	12	
<input checked="" type="radio"/>	6	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	0	

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 24 of 30 ( Start time: 12:06:31 AM, 11 July 2020 )

Total Marks: 1

$$\cot \theta =$$

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	$\frac{1}{\sin \theta}$	
<input checked="" type="radio"/>	$\frac{1}{\tan \theta}$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$\frac{\sin \theta}{\cos \theta}$	
<input type="radio"/>	$\frac{1}{\cos \theta}$	

[Click to Save Answer & Move to Next Question](#)

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 25 of 30 ( Start time: 12:07:14 AM, 11 July 2020 )

Total Marks: 1

$$(a + bi) + (c + di)$$

Select the correct option

[Reload Math Equations](#)

<input checked="" type="radio"/>	$(a + c) + (b + d)i$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$(a + c) - (b + d)i$	
<input type="radio"/>	$(a - c) + (b - d)i$	
<input type="radio"/>	$(a - c) + (b + d)i$	

[Click to Save Answer & Move to Next Question](#)

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

Quiz Start Time: 11:48 PM, 10 July 2020

Question # 26 of 30 ( Start time: 12:08:55 AM, 11 July 2020 )

Total Marks: 1

We can add two matrices having real numbers A and B if their

Select the correct option

<input checked="" type="radio"/>	Order is same	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	Rows are same	
<input type="radio"/>	Columns are same	
<input type="radio"/>	Elements are same	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, VLC, File Explorer, Firefox, Adobe Reader, and Google Chrome. System tray shows the time as 12:09 AM on 11-Jul-20.

STA100:Grand Quiz

Quiz Start Time: 11:48 PM, 10 July 2020

Question # 27 of 30 ( Start time: 12:09:19 AM, 11 July 2020 )

Total Marks: 1

In quadratic equation, When a is positive then

Select the correct option

<input checked="" type="radio"/>	Graph concaves downward	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	Graph concaves upward	
<input type="radio"/>	Graph moves c units up	
<input type="radio"/>	Graph moves c units down	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, VLC, File Explorer, Firefox, Adobe Reader, and Google Chrome. System tray shows the time as 12:09 AM on 11-Jul-20.

**EFFORT BY AMAAN KHAN**



# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 28 of 30 ( Start time: 12:09:59 AM, 11 July 2020 )

Total Marks: 1

How many Permutations of the letter of the word APPLE are there

Select the correct option

- |                                  |     |   |
|----------------------------------|-----|---|
| <input type="radio"/>            | 600 |   |
| <input type="radio"/>            | 120 |   |
| <input type="radio"/>            | 240 |   |
| <input checked="" type="radio"/> | 60  | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 29 of 30 ( Start time: 12:11:08 AM, 11 July 2020 )

Total Marks: 1

11, 33, 55, 77, --

Select the correct option

- |                                  |     |   |
|----------------------------------|-----|---|
| <input checked="" type="radio"/> | 99  | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | 88  |   |
| <input type="radio"/>            | 121 |   |
| <input type="radio"/>            | 66  |   |

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 30 of 30 ( Start time: 12:12:04 AM, 11 July 2020 )

Total Marks: 1

$f(x) = x^2 + 6$  and  $g(x) = 2x - 1$  then  $(f \circ g)(x)$  is equal to

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	$4x^2 - 4x + 7$
<input type="radio"/>	$4x^2 + 4x + 7$
<input checked="" type="radio"/>	$4x^2 + 4x - 7$
<input type="radio"/>	$4x^2 - 4x - 7$

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 11:48 PM, 10 July 2020

Question # 15 of 30 ( Start time: 12:00:50 AM, 11 July 2020 )

Total Marks: 1

Write the set in the Roster form: The set of five numbers each of which is divisible by 3.

Select the correct option

<input type="radio"/>	{3, 6, 7, 8, 9}
<input checked="" type="radio"/>	{3, 6, 9, 12, 15}
<input type="radio"/>	{3, 6, 7, 8, 9}
<input type="radio"/>	{3, 6, 9, 11, 13}

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)

**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 1 of 30 ( Start time: 12:15:18 AM, 11 July 2020 )

Total Marks: 1

$\cot \theta =$

Select the correct option

Reload Math Equations

<input type="radio"/>	$\frac{1}{\sin \theta}$
<input checked="" type="radio"/>	$\frac{1}{\tan \theta}$
<input type="radio"/>	$\frac{\sin \theta}{\cos \theta}$
<input type="radio"/>	$\frac{1}{\cos \theta}$

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 2 of 30 ( Start time: 12:16:08 AM, 11 July 2020 )

Total Marks: 1

If we solve  $ax^2 + bx + c = 0$  by completing square method, we get

Select the correct option

Reload Math Equations

<input type="radio"/>	Cramer's rule
<input checked="" type="radio"/>	Quadratic formula
<input type="radio"/>	De Morgan's Law
<input type="radio"/>	None of these

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



**EFFORT BY AMAAN KHAN**

# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 3 of 30 ( Start time: 12:16:35 AM, 11 July 2020 )

Total Marks: 1

The  $n^{\text{th}}$  term of an A.P. is given by  $a_n = 3 + 4n$ . The common difference is

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	7
<input type="radio"/>	3
<input checked="" type="radio"/>	4
<input type="radio"/>	1

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 4 of 30 ( Start time: 12:16:53 AM, 11 July 2020 )

Total Marks: 1

$\tan \theta$  is positive in the

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	First and the second quadrant
<input checked="" type="radio"/>	First and the third quadrant
<input type="radio"/>	First and the fourth quadrant
<input type="radio"/>	Second and the fourth quadrant

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)



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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 5 of 30 ( Start time: 12:17:41 AM, 11 July 2020 )

Total Marks: 1

The solutions of the quadratic equation are also called its

Select the correct option

<input type="radio"/>	Factors	
<input checked="" type="radio"/>	Roots	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Coefficients	
<input type="radio"/>	None of these	

Click to Save Answer & Move to Next Question

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 6 of 30 ( Start time: 12:17:57 AM, 11 July 2020 )

Total Marks: 1

$A = \begin{bmatrix} 0 & 1 & 0 & 0 \end{bmatrix}$ ,  $A^{-1}$  is equal to

Select the correct option

Reload Math Equations

<input type="radio"/>	Null matrix	
<input type="radio"/>	Identity matrix	
<input checked="" type="radio"/>	Does not exist	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	None of the mentioned	

Click to Save Answer & Move to Next Question

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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 7 of 30 ( Start time: 12:18:51 AM, 11 July 2020 )

Total Marks: 1

$\cos\theta$  is negative in the

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	Second and the fourth quadrant
<input checked="" type="radio"/>	Second and the third quadrant
<input type="radio"/>	Second and the first quadrant
<input type="radio"/>	First and the third quadrant

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

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STA100:Grand Quiz

12:19 AM  
11-Jul-20  
sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 8 of 30 ( Start time: 12:19:36 AM, 11 July 2020 )

Total Marks: 1

The general term of the Binomial expansion  $(a + x)^n$  is

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	$\binom{n}{r} a^n x^r$
<input type="radio"/>	$\binom{n}{r} a^{n-r} x^r$
<input checked="" type="radio"/>	$\binom{n}{r} a^r x^{n-r}$
<input type="radio"/>	$\binom{n}{r} (ax)^n$

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 9 of 30 ( Start time: 12:21:14 AM, 11 July 2020 )

Total Marks: 1

We can add two matrices having real numbers A and B if their

Select the correct option

<input checked="" type="radio"/>	Order is same	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	Rows are same	
<input type="radio"/>	Columns are same	
<input type="radio"/>	Elements are same	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 10 of 30 ( Start time: 12:21:35 AM, 11 July 2020 )

Total Marks: 1

If  $f(-x) = f(x)$  for every number  $x$  in domain of  $f$ , then  $f$  is

Select the correct option

Reload Math Equations

<input type="radio"/>	linear function	
<input type="radio"/>	Periodic function	
<input checked="" type="radio"/>	Even function	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	Odd function	

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 11 of 30 ( Start time: 12:23:02 AM, 11 July 2020 )

Total Marks: 1

$$\csc \theta = \frac{1}{\sin \theta} \text{ is the}$$

Select the correct option

Reload Math Equations

<input type="radio"/>	Even Odd Property
<input type="radio"/>	Periodic Property
<input checked="" type="radio"/>	Reciprocal Property
<input type="radio"/>	None of these

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

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STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 12 of 30 ( Start time: 12:23:40 AM, 11 July 2020 )

Total Marks: 1

Consider the set  $A = \{\text{all integers that are strictly greater than 20 and strictly less than 25}\}$ . Write this set in roster form.

Select the correct option

<input type="radio"/>	$A = \{x \mid 20 < x < 25\}$
<input type="radio"/>	$A = \{20, 21, 22, 23, 24, 25\}$
<input checked="" type="radio"/>	$A = \{21, 22, 23, 24\}$
<input type="radio"/>	A is already in roster form

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 13 of 30 ( Start time: 12:24:13 AM, 11 July 2020 )

Total Marks: 1

Geometric Progression between - 4 and - 9 is

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	$\pm 8$
<input type="radio"/>	$- 8$
<input type="radio"/>	$\pm 6$
<input checked="" type="radio"/>	$- 6$

Answer solved by Amaan Khan  
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Email: maniamaan2@gmail.com

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STA100:Grand Quiz

Quiz Start Time: 12:15 AM, 11 July 2020

Question # 14 of 30 ( Start time: 12:26:08 AM, 11 July 2020 )

Total Marks: 1

If determinant of a matrix is equal to zero, then it is said to be

Select the correct option

<input type="radio"/>	Square matrix
<input checked="" type="radio"/>	Singular matrix
<input type="radio"/>	Non-singular matrix
<input type="radio"/>	Identical matrix

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 15 of 30 ( Start time: 12:26:38 AM, 11 July 2020 )

Total Marks: 1

From all the letters of the word "THURSDAY", how many different words can be formed?

Select the correct option

Reload Math Equations

<input type="radio"/>	8	
<input type="radio"/>	7	
<input checked="" type="radio"/>	8!	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	7!	

Click to Save Answer & Move to Next Question

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STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 16 of 30 ( Start time: 12:28:11 AM, 11 July 2020 )

Total Marks: 1

Irrational numbers are

Select the correct option

<input checked="" type="radio"/>	Can't be written as fractions	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Can be written as fractions	
<input type="radio"/>	Can be written as repeating decimals	
<input type="radio"/>	Can be written as terminating decimals	

Click to Save Answer & Move to Next Question

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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 17 of 30 ( Start time: 12:28:33 AM, 11 July 2020 )

Total Marks: 1

.The first term and common difference for the A.P. 3,1,-1,-3 is

Select the correct option

<input type="radio"/>	1 and 3	
<input type="radio"/>	-1 and 3	
<input checked="" type="radio"/>	3 and -2	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	2 and 3	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 18 of 30 ( Start time: 12:28:50 AM, 11 July 2020 )

Total Marks: 1

If  $A = \{ 1, 2, 3, 4 \}$  and  $B = \{ 4, 5, 6, 7 \}$  then  $A \cup B$  should be

Select the correct option

Reload Math Equations

<input type="radio"/>	{2, 3, 4, 5, 6, 7}	
<input checked="" type="radio"/>	{1, 2, 3, 4, 5, 6, 7}	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	{4}	
<input type="radio"/>	{1, 2, 3, 5, 6, 7}	

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 19 of 30 ( Start time: 12:29:26 AM, 11 July 2020 )

Total Marks: 1

$\{x|x < 6 \text{ and } x \text{ is a counting number}\}$  is the example of

Select the correct option

Reload Math Equations

<input type="radio"/>	Roster Method
<input type="radio"/>	Scientific method
<input checked="" type="radio"/>	Set builder Method
<input type="radio"/>	None of these

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

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STA100:Grand Quiz

12:29 AM  
11-Jul-20  
sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 20 of 30 ( Start time: 12:30:07 AM, 11 July 2020 )

Total Marks: 1

A quadratic equation which cannot be solved by factorization, that will be solved by

Select the correct option

<input type="radio"/>	Comparing coefficients
<input checked="" type="radio"/>	Completing square
<input type="radio"/>	Both a and b
<input type="radio"/>	None of these

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 21 of 30 ( Start time: 12:30:35 AM, 11 July 2020 )

Total Marks: 1

Which is not the property of Gradient

Select the correct option

- ☐ The bigger the gradient's magnitude is, the steeper the line segment.
- ☐ Two line segments that are parallel will have the same slope.
- ☐ Positive gradient means the line is facing upwards.
- ☒ Positive gradient means line is facing upwards.

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

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STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 22 of 30 ( Start time: 12:32:19 AM, 11 July 2020 )

Total Marks: 1

If a function is to have an inverse which is also a function then it must be

Select the correct option

- ☒ One to One Function
- ☐ One to many Function
- ☐ Odd Function
- ☐ Linea Function

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

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STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 23 of 30 ( Start time: 12:33:02 AM, 11 July 2020 )

Total Marks: 1

$$i(3i + 2)$$

Select the correct option

[Reload Math Equations](#)

<input type="radio"/>	- 2
<input type="radio"/>	2
<input type="radio"/>	3
<input checked="" type="radio"/>	- 3

Answer solved by Amaan Khan  
Contact: 0305-4716616  
Email: maniamaan2@gmail.com

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STA100:Grand Quiz

Quiz Start Time: 12:15 AM, 11 July 2020

Question # 24 of 30 ( Start time: 12:34:30 AM, 11 July 2020 )

Total Marks: 1

$$\cos(A - B) =$$

Select the correct option

[Reload Math Equations](#)

<input checked="" type="radio"/>	$\cos A \cos B + \sin A \sin B$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$\cos B \cos A + \sin A \sin B$	
<input type="radio"/>	$\cos A \cos B - \sin A \sin B$	
<input type="radio"/>	$\sin A \sin B + \cos A \cos B$	

[Click to Save Answer & Move to Next Question](#)

Windows taskbar showing icons for Internet Explorer, VLC, File Explorer, Firefox, PDF Reader, and Chrome. System tray shows time 12:35 AM, 11-Jul-20, and network status.

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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 25 of 30 ( Start time: 12:36:02 AM, 11 July 2020 )

Total Marks: 1

Maximum number of roots of a quadratic equation are

Select the correct option

<input type="radio"/>	One	
<input checked="" type="radio"/>	Two	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Three	
<input type="radio"/>	None of these	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 26 of 30 ( Start time: 12:37:14 AM, 11 July 2020 )

Total Marks: 1

Roots of  $x^2 + 8x + 12$  are

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	- 2, - 6	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	- 2, 6	
<input type="radio"/>	2, - 6	
<input type="radio"/>	2, 6	

Click to Save Answer & Move to Next Question



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# VU Medical Zone

STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 27 of 30 ( Start time: 12:38:00 AM, 11 July 2020 )

Total Marks: 1

$$(a + bi) + (c + di)$$

Select the correct option

Reload Math Equations

<input checked="" type="radio"/>	$(a + c) + (b + d)i$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	$(a + c) - (b + d)i$	
<input type="radio"/>	$(a - c) + (b - d)i$	
<input type="radio"/>	$(a - c) + (b + d)i$	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 28 of 30 ( Start time: 12:38:17 AM, 11 July 2020 )

Total Marks: 1

In how many ways can 5 red and 4 white balls be drawn from a bag containing 10 red and 8 white balls?

Select the correct option

Reload Math Equations

<input type="radio"/>	${}^8C_5 * {}^{10}C_4$	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input checked="" type="radio"/>	${}^{10}C_5 * {}^8C_4$	
<input type="radio"/>	${}^{18}C_9$	
<input type="radio"/>	None of these	

Click to Save Answer & Move to Next Question



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STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 29 of 30 ( Start time: 12:38:36 AM, 11 July 2020 )

Total Marks: 1

In how many different ways can the letters of the word 'CORPORATION' be arranged so that the vowels always come together?

Select the correct option

<input type="radio"/>	970	
<input checked="" type="radio"/>	50400	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	4607	
<input type="radio"/>	720	

Click to Save Answer & Move to Next Question



STA100:Grand Quiz

sec(s)  
Quiz Start Time: 12:15 AM, 11 July 2020

Question # 30 of 30 ( Start time: 12:38:55 AM, 11 July 2020 )

Total Marks: 1

A diagonal matrix having equal elements is called a

Select the correct option

<input type="radio"/>	Square matrix	
<input type="radio"/>	Identical matrix	
<input checked="" type="radio"/>	Scalar matrix	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Rectangular matrix	



Click to Save Answer & Move to Next Question



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