RIZ MUGHAL

QUIZ MASTER

MTH501(13 TO 17)

100% correct solution. For more information you can visit my channel and for any type of help related to CS619 you can contact me.



YOUTUBE CHANNEL:

https://www.youtube.com/channel/UCINsFwDiB62SValCcPDZbRQ/playlists

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FACEBOOK GROUP:

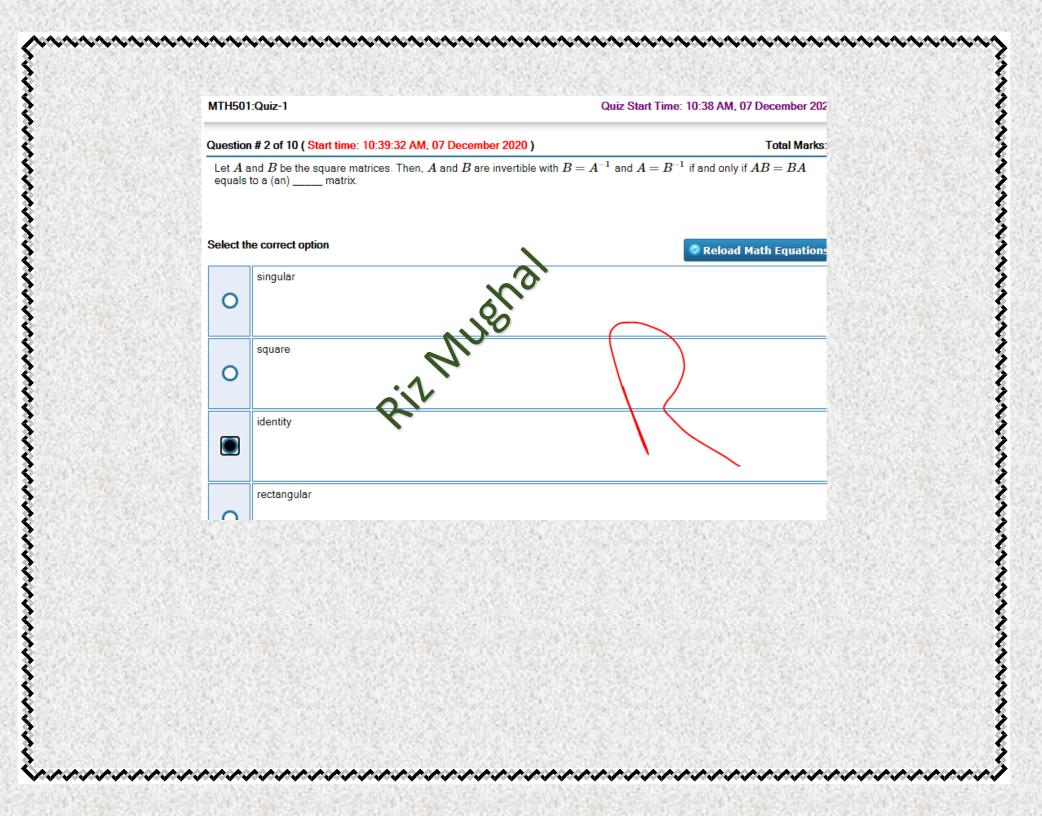
https://www.facebook.com/groups/923887914750307

Quiz Start Time: 10:38 AM, 07 Decemb



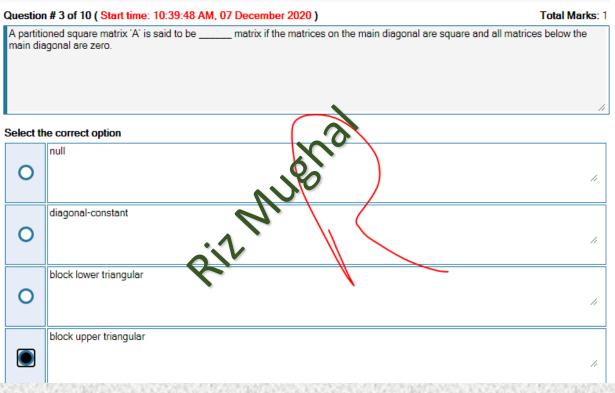
MTH501:Quiz-1

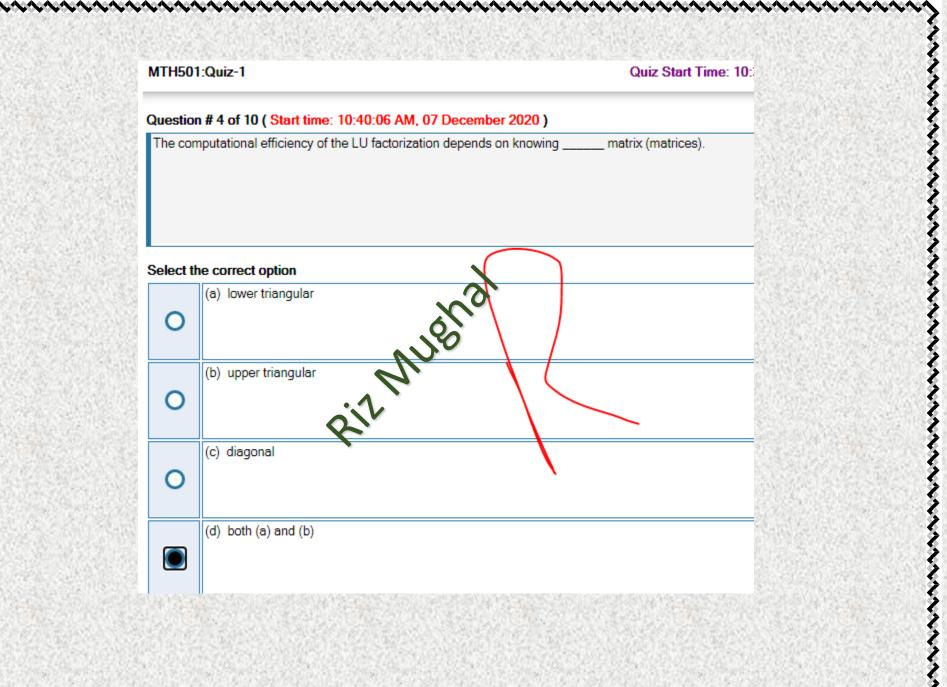
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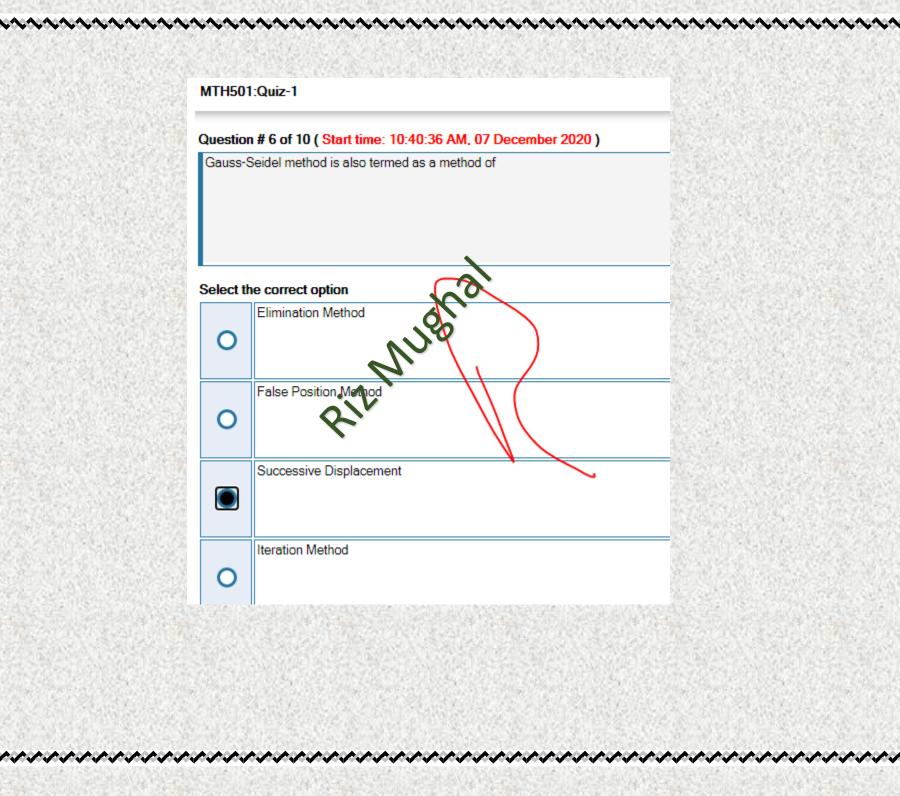
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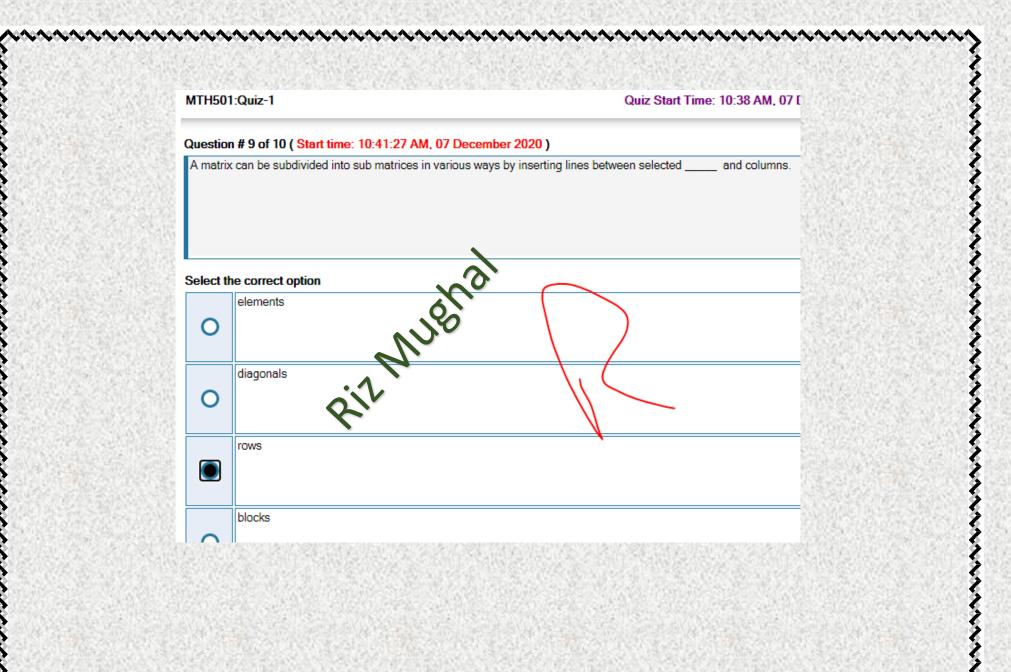


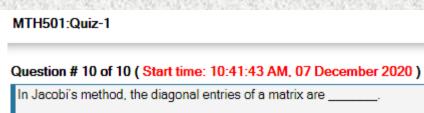


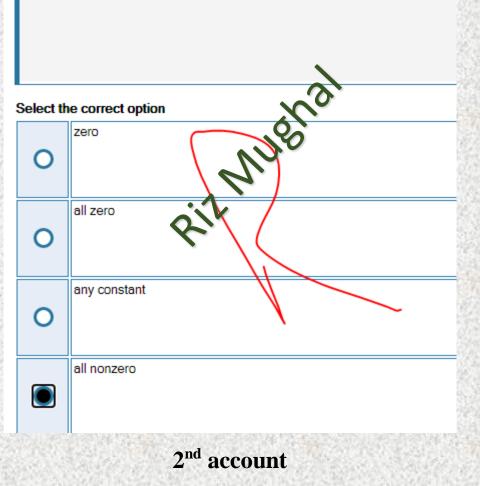


Quiz Start Tim MTH501:Quiz-1 Question # 8 of 10 (Start time: 10:41:11 AM, 07 December 2020) A matrix in which each descending diagonal from left to right is constant is called a _____ matrix. Select the correct option diagonal-constant MUGHA block lower triangular 0 block upper triangula 0 diagonal O

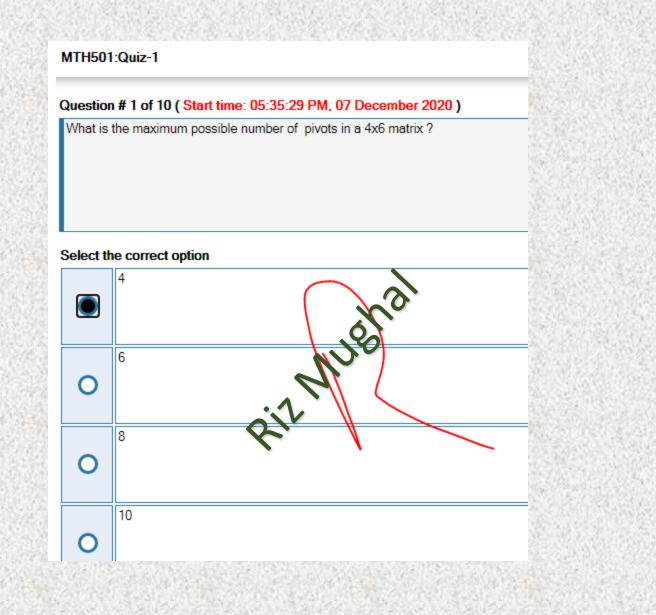
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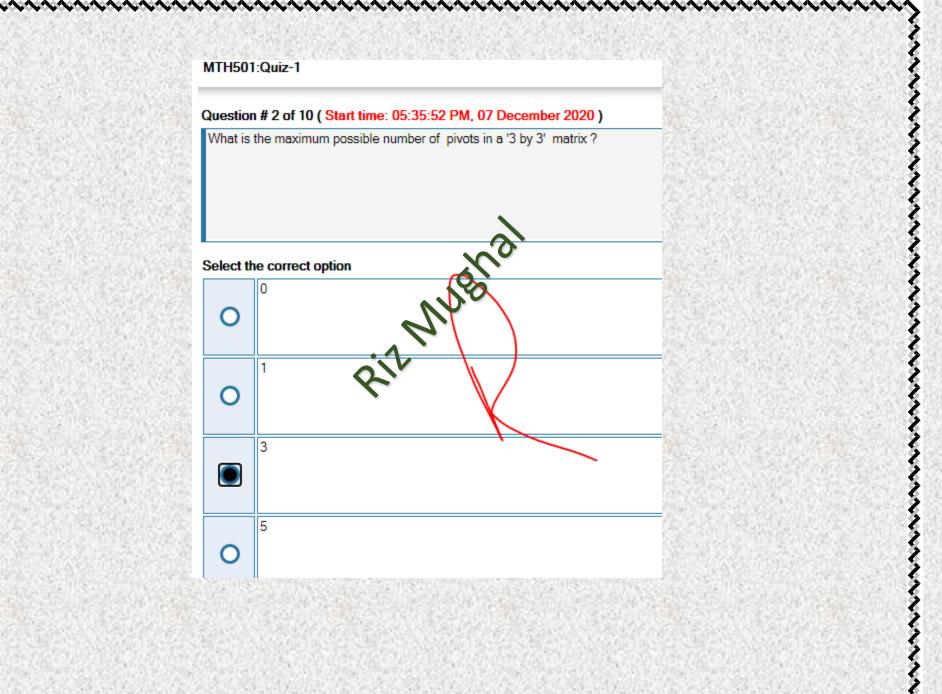


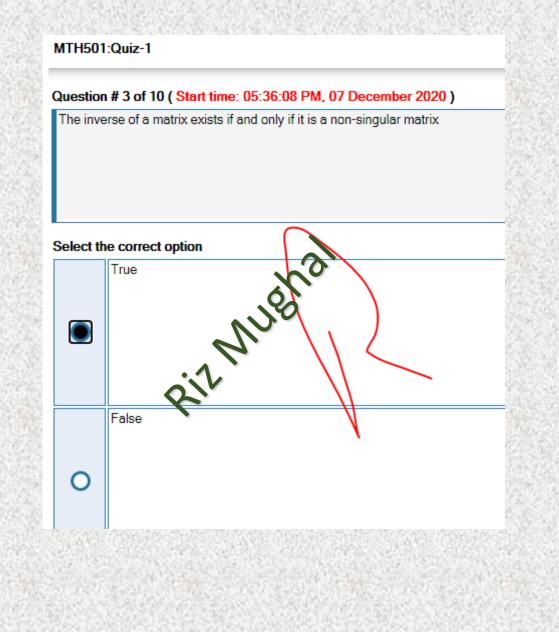


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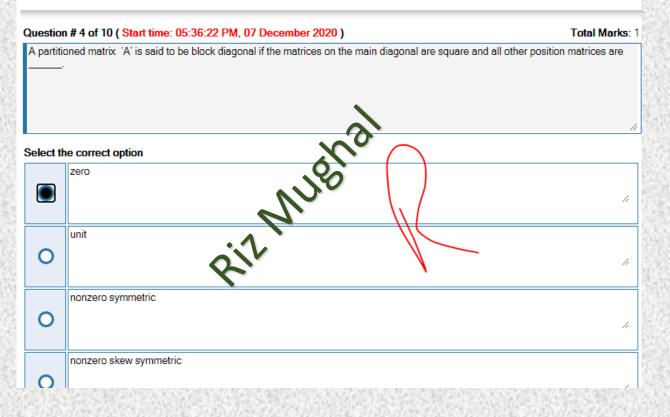




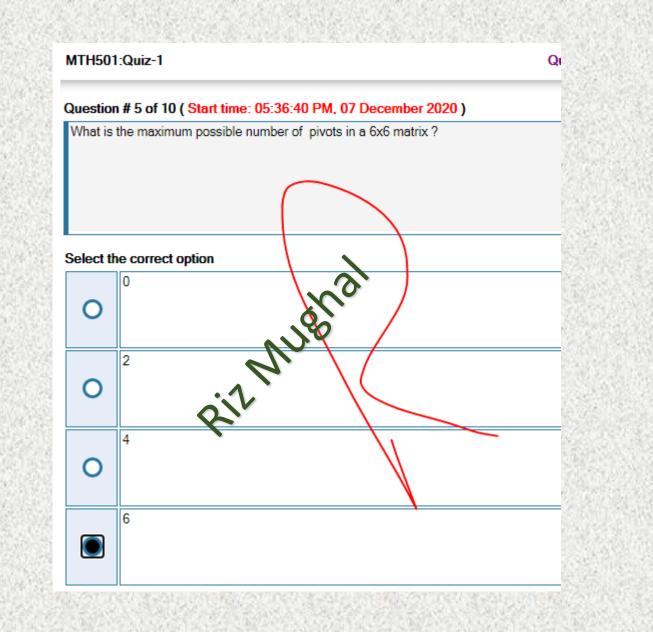
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MTH501:Quiz-1

Quiz Start Time: 05:35 PM, 07 December 2020



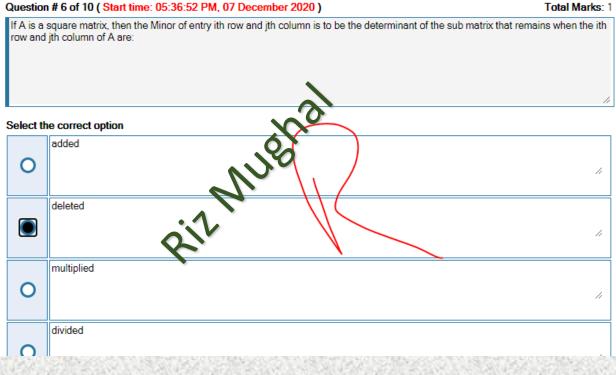
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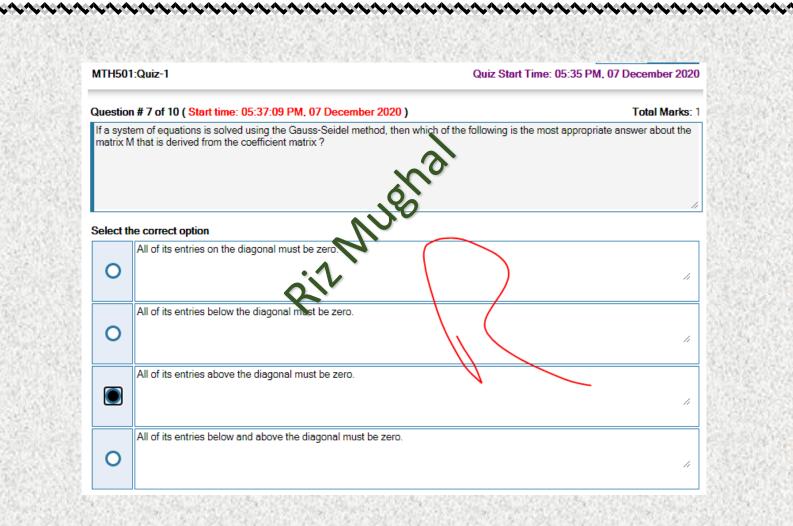


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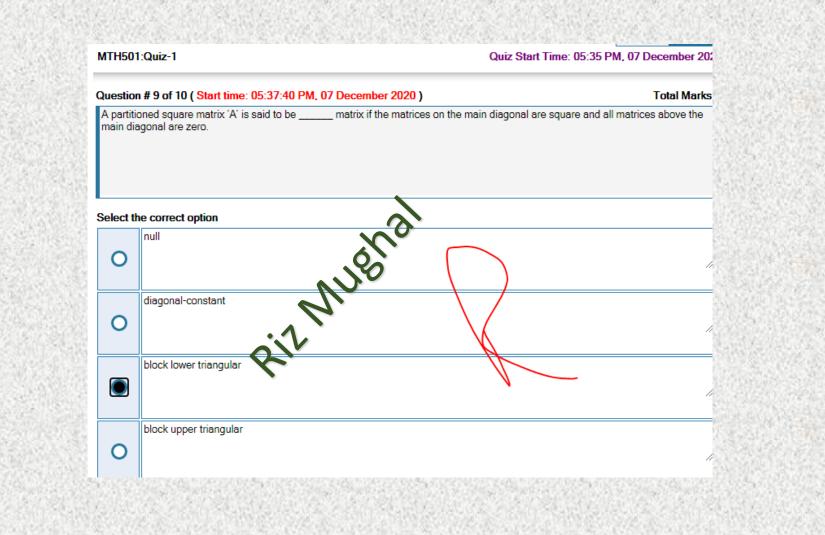
### MTH501:Quiz-1 Quiz Start Time: 05:35 PM, 07 December 2020 Question # 6 of 10 ( Start time: 05:36:52 PM, 07 December 2020 ) Total Marks: 1

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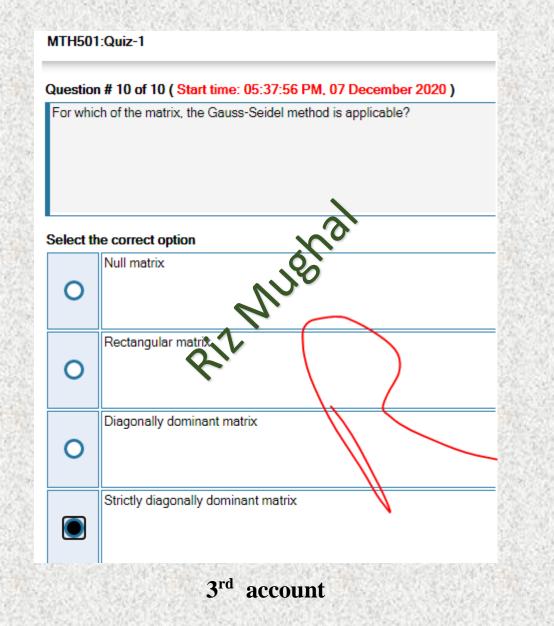




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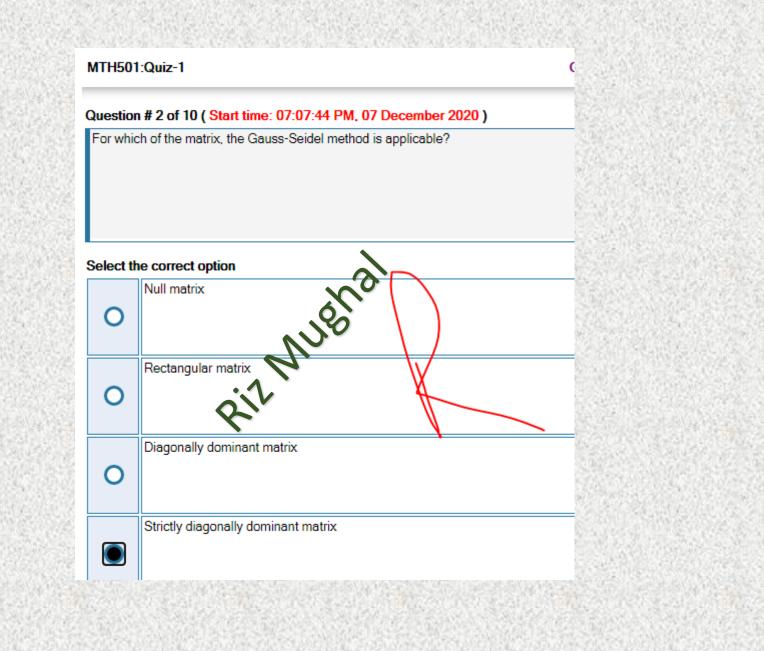
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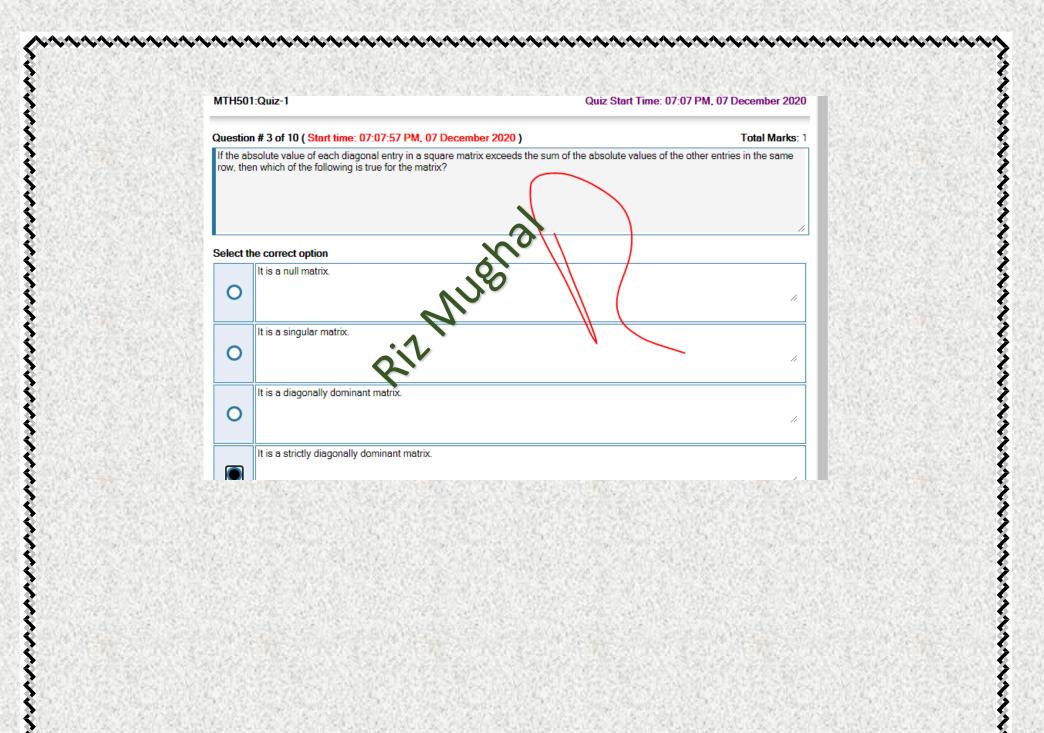
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MTH501:Quiz-1 Quiz Start Time: 07:07 PM, 07 December 2020 Question # 1 of 10 (Start time: 07:07:27 PM, 07 December 2020) Total Marks: 1 If A is a square matrix, then the Minor of entry ith row and jth column is to be the determinant of the sub matrix that remains when the ith row and jth column of A are: Select the correct option it Multi added 0 deleted multiplied 0 divided

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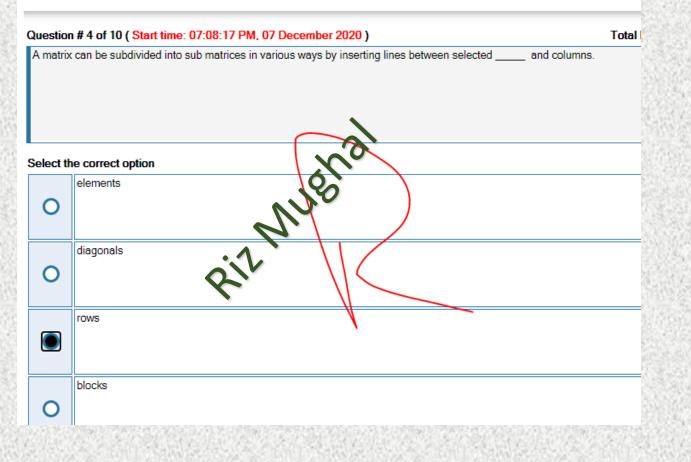


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MTH501:Quiz-1

#### Quiz Start Time: 07:07 PM, 07 Decemb



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Qiz Start Time: 07:07:07 decrement 2020

Custom of of (0 (Start time: 07:08:31 PM, 07 December 2020)
Total Maria:

A score as an approximate solution of a linear system is sufficiently accurate for practical work then which of the following is true for active process?

Sected the correct option
Image: Correct approximate to active process may be stopped.

Image: Correct approximate process may be stopped.
Image: Correct approximate process may be stopped.

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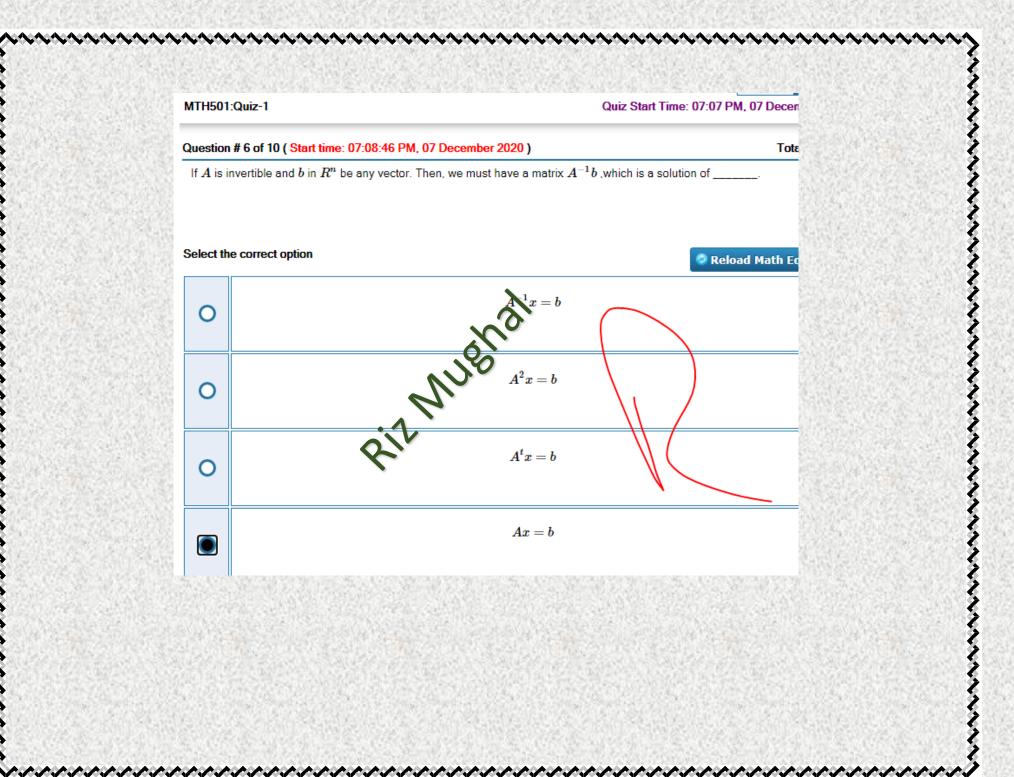
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The reduced row-echelon method may be used.





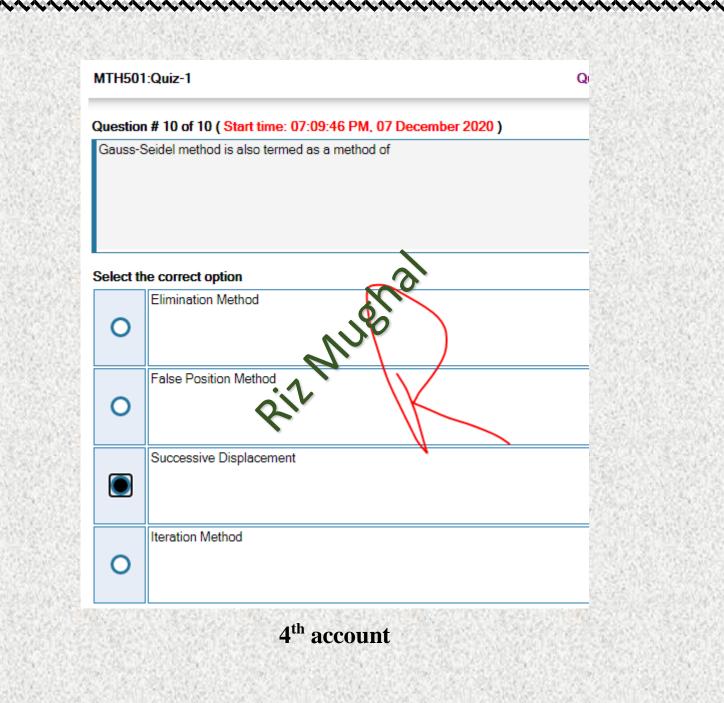
Quiz Start Time: 07:07 PM, 07 December 2020

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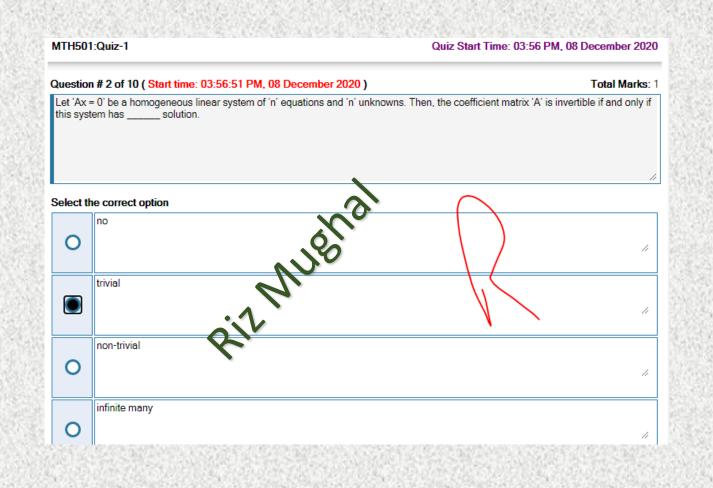


MTH501:Quiz-1



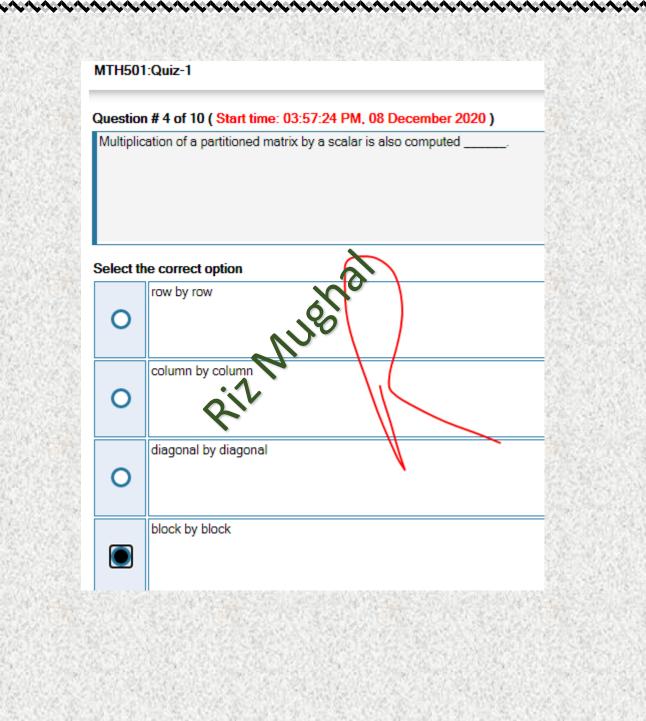






## MTH501:Quiz-1 Quiz St Question # 3 of 10 ( Start time: 03:57:11 PM, 08 December 2020 ) A decomposition of a matrix as a product of two or more matrices is called the matrix \_ Select the correct option ·iz Mush. composition O factorization multiplication 0 transformation 0

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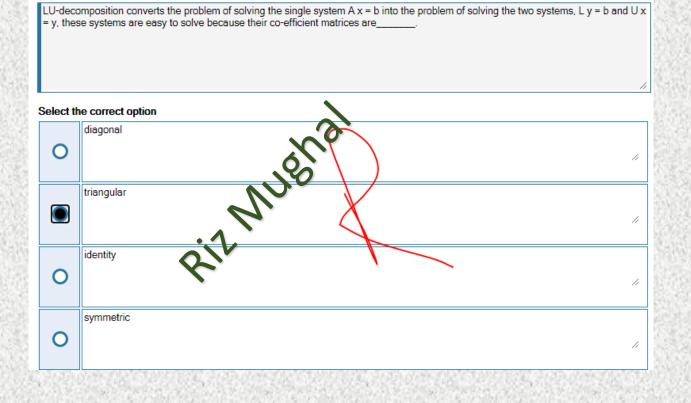


 $\sim$ Quiz Start Time: 03:56 PM, 08 De MTH501:Quiz-1 Question # 5 of 10 ( Start time: 03:57:37 PM, 08 December 2020 ) A matrix can be subdivided into sub matrices in various ways by inserting lines between selected and columns. Select the correct option 18/18 elements 0 diagonals 0 rows blocks 0

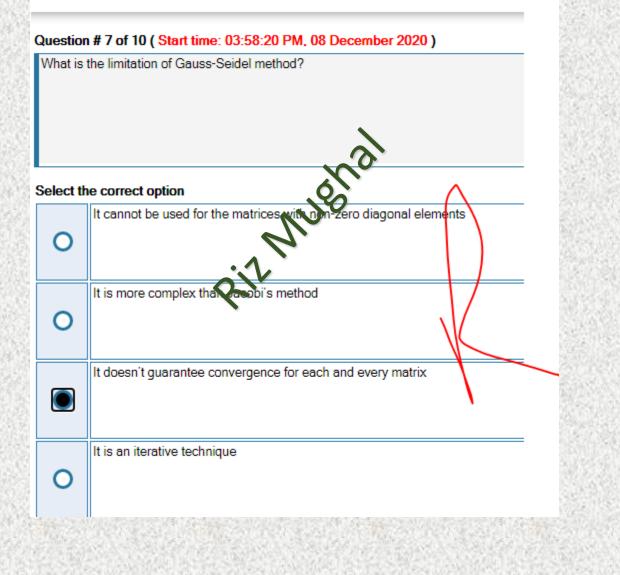
MTH501:Quiz-1 Quiz Start Time: 03:56 PM, 08 December 2020

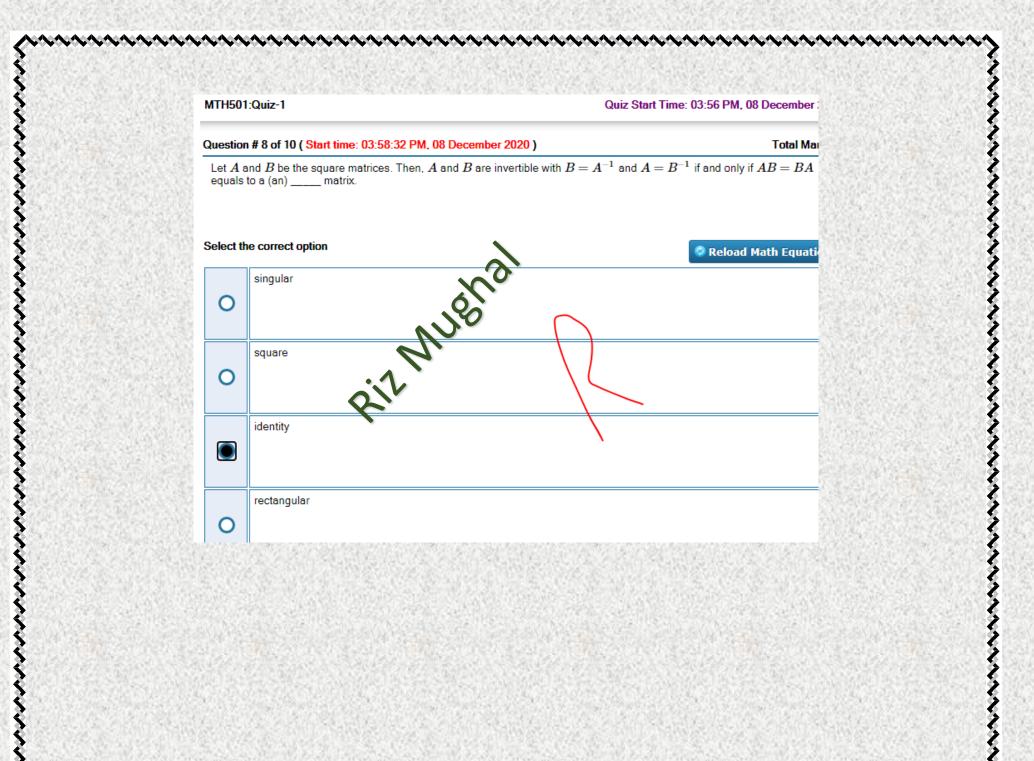
Question # 6 of 10 ( Start time: 03:57:52 PM, 08 December 2020 )

Total Marks: 1



## MTH501:Quiz-1

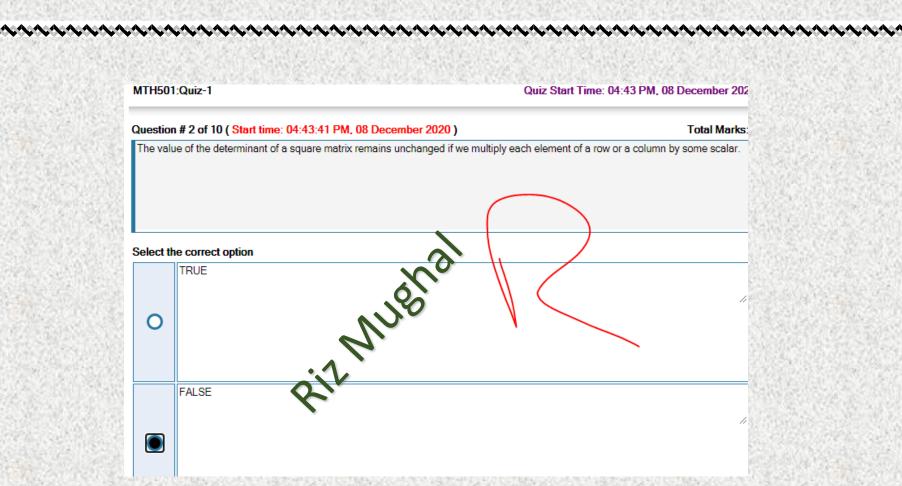


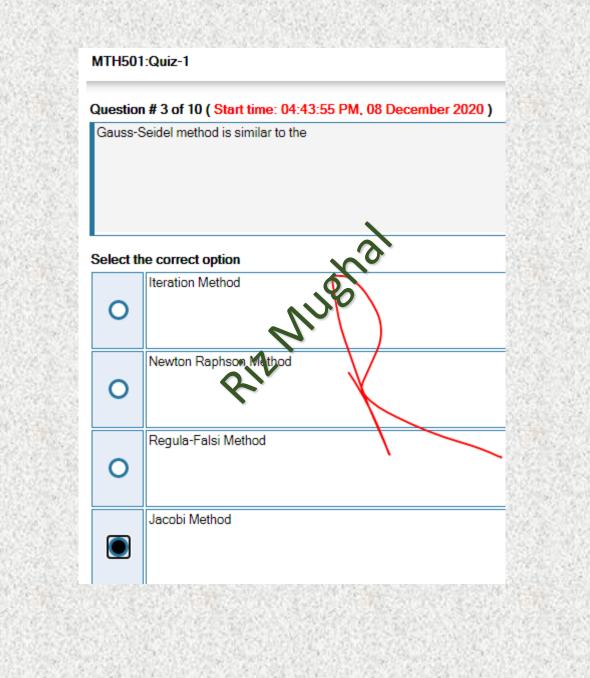




MTH501:Quiz-1 Quiz St Question # 10 of 10 ( Start time: 03:59:04 PM, 08 December 2020 ) If two rows or columns of a square matrix are identical, then det (A)wil be \_\_\_\_\_ Select the correct option ·iz Mult zero non zero 0 one 0 positive 0 5<sup>th</sup> account

## Quiz Start Time MTH501:Quiz-1 Question # 1 of 10 ( Start time: 04:43:25 PM, 08 December 2020 ) In Jacobi's method, the rate of convergence is quite ----- compared with other methods. TIZ MUB Select the correct option Fast Ο Slow



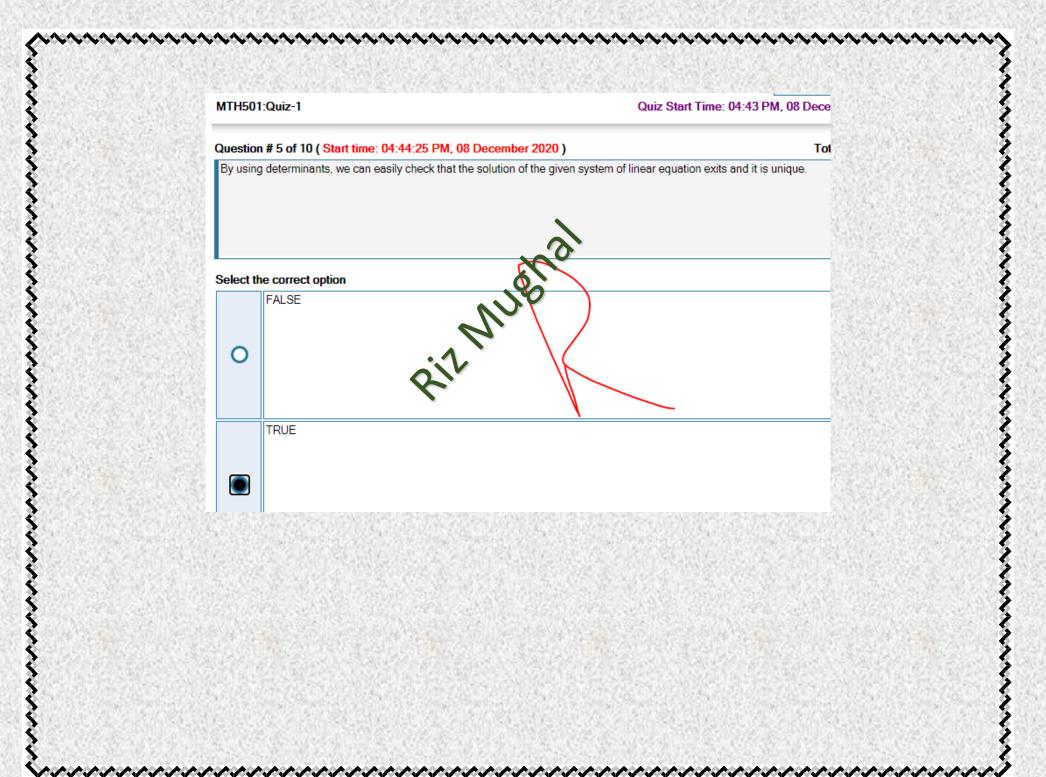


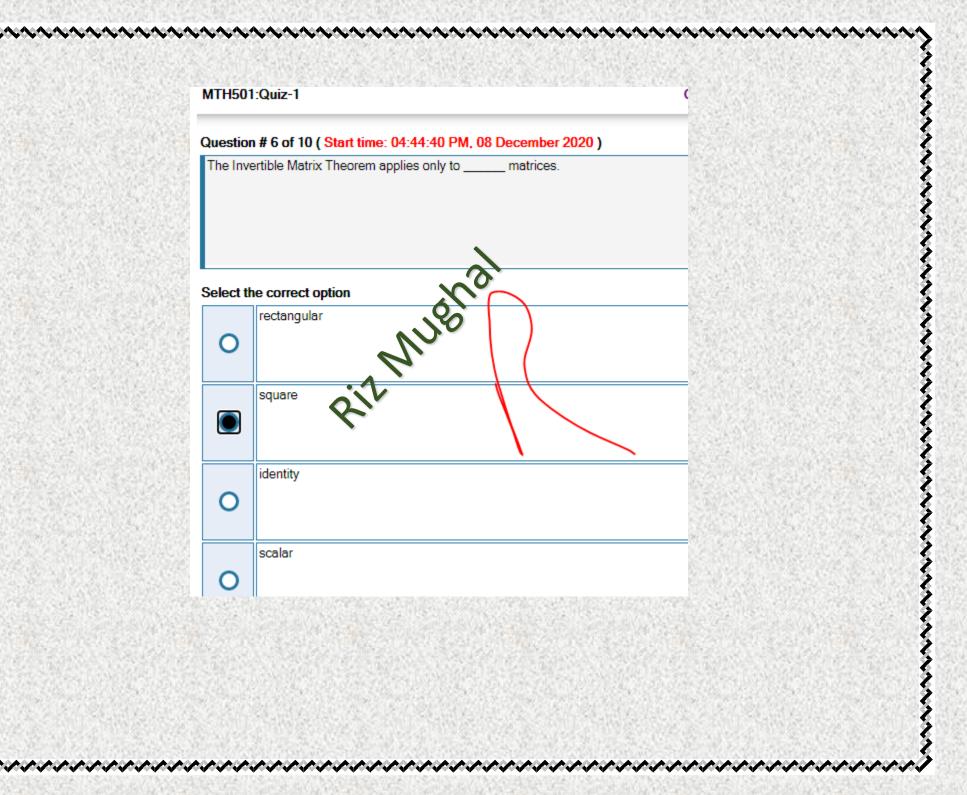
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## ~~~~~~~~~~~ MTH501:Quiz-1 Quiz Start Time: 04: Question # 4 of 10 (Start time: 04:44:08 PM, 08 December 2020) The computational efficiency of the LU factorization depends on knowing \_\_\_\_\_\_ matrix (matrices). MURNO Select the correct option (a) lower triangular 0 (b) upper triangular Ο (c) diagonal

0

(d) both (a) and (b)





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zero

Quiz Start Time: 04:43 PM MTH501:Quiz-1 Question # 8 of 10 (Start time: 04:45:11 PM, 08 December 2020) If B is the matrix obtained by interchanging two rows or columns of the square matrix A, then det (B) = Select the correct option - det(A) det(A) 0 1/det(A) 0 -1/det(A) 0

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