

Recap Contd...

Today we will discuss how to write your answer in your Answer Script Booklet. You need to draw the attention of the Examiner who evaluates your Answer Script. Therefore, your answer should be legible, neat and clear. Your handwriting should neither be large nor small. For this you need extensive practice. I recommend you to buy bundle of A4 size paper and practice rigorously. Now, let us try to answer a question.

1. Subtract the following matrices:

$$A = \begin{bmatrix} 7 & 3 \\ 2 & 9 \end{bmatrix} \text{ and } B = \begin{bmatrix} 4 & 2 \\ 3 & 5 \end{bmatrix}$$

During my student life, I used ^{to} write this way:

Ans. to Q. No. 1

Now, you can shorten it and write this way:

Ans. 1

Given $A = \begin{bmatrix} 7 & 3 \\ 2 & 9 \end{bmatrix}$ and $B = \begin{bmatrix} 4 & 2 \\ 3 & 5 \end{bmatrix}$

$$\therefore A - B = \begin{bmatrix} 7 & 3 \\ 2 & 9 \end{bmatrix} - \begin{bmatrix} 4 & 2 \\ 3 & 5 \end{bmatrix}$$

$$= \begin{bmatrix} (7-4) & (3-2) \\ (2-3) & (9-5) \end{bmatrix}$$

$$\therefore A - B = C = \begin{bmatrix} 3 & 1 \\ -1 & 4 \end{bmatrix} \text{ Ans.}$$

To be contd....

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While writing answer, we may make mistakes. No prob. Just cut it with a slash or a line. The way I have done on 20.04.2020. I used a red pen only to highlight it. What you should not do is - like this:

~~Dimensions~~

What you have to do is - like this:

Dimensions

As I said, your answer should not look clumsy; instead you have to draw the attention of your Examiner with your neat and legible handwriting (I am not saying good handwriting - just 'legible' handwriting).

Let us now discuss TRANSPOSE of a matrix. Recall RC - Row, Column. In Transpose, we turn the Row into Column. It is symbolized by an APOSTROPHE '. Example:

4. Transpose the given matrix:

$$A = \begin{bmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \end{bmatrix}$$

Ans: 4.

Given

$$A = \begin{bmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \end{bmatrix}$$

$$\therefore A' = \begin{bmatrix} 1 & 4 \\ 2 & 5 \\ 3 & 6 \end{bmatrix} \text{ Ans://}$$

Note that the dimension of the given matrix A is (2×3) while its transpose A' is (3×2) .

To be contd...