

MA212 End Semester Examination May 2021. Time: 2 pm - 4 pm (Date: 04/05/2021)

* Required

From the data given in Table A answer the questions in this section

The centroid for the data in Table A is ____ *

- ☐ (40, 56)
- ☐ (56, 40)
- ☒ (5, 7)
- ☐ (7, 5)

From the Table A, the regression line of y on x is _____ *

- ☐ $11y=6+7x$
- ☒ $2y+1=3x$
- ☐ $11y=7+6x$
- ☐ $2y+x=3$



Table A:

X:	1	2	4	4	5	7	8	9
Y:	1	3	4	6	8	9	11	14

From the regression line estimate the value of x when $y=3$ *

- ☐ 25/11
- ☐ 0
- ☒ 27/11
- ☐ 8/2

From the regression line of y on x, estimate the value of y when $x=3$ *

- ☐ 0
- ☐ 27/11
- ☐ 25/11
- ☒ 4

From the Table A, the regression line of x on y is _____ *

- ☐ $2x+y=3$
- ☐ $11x=6+7y$
- ☐ $2x+1=3y$
- ☒ $11x=7+6y$



Back

Next

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