Linear algebra for AI & DS

First Theoretical Quiz

1

What is the length of the given vector notation? Given that a and b are 10-vectors, .and c is a 20-vector
(0/1 نقطة)

$$(a, b, c_{3:13})$$

13

31

12

41

3

2

What is the length of the given vector notation? Given that a and b are 10-vectors, .and c is a 20-vector
(0/1 نقطة)

$$(a, 1) + (c_1, b)$$

21

Incorrect notation

11

4

2

3

What is the length of the given vector notation? Given that a and b are 10-vectors, .and c is a 20-vector
(-/1 نقطة)

$$\begin{bmatrix} a & b \end{bmatrix} + 4c$$

40

6

20

Incorrect notation

3

4

What is the length of the given vector notation? Given that a and b are 10-vectors, .and c is a 20-vector
(1/1 نقطة)

$$\begin{bmatrix} a \\ b \end{bmatrix} + 4c$$

40

3

20

Incorrect notation

6