TOPIC
Mathematics – Section I – Question 17

QUESTION
Given

$$[A] = \begin{bmatrix} 2 & 3 & 5 \\ -6 & 7 & 9 \end{bmatrix}$$

and

$$[B] = \begin{bmatrix} 3 & 2 \\ 5 & 3 \\ 9 & 4 \end{bmatrix}$$

Then if

$$[C] = [A][B],$$

c_{21} most nearly is

    (A) 31
    (B) 33
    (C) 67
    (D) 144

HINT
Dot product of second row of A and first column of B.

CONTRIBUTOR
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