

Medium

DGVCL Vidyut Sahayak JE (Electrician) 2024

24

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A

76176

B

96100

C

81000

D

90000

Correct

Correct Answer: D

Full Detailed Explanation

$$= \left[\frac{n(n+1)}{2} \right]^2, n=24 \quad : \left[\frac{24 \times 25}{2} \right]^2 = 300^2 = 90000.$$

Open live question on website:

<https://sarkariresultout.com/pyq/gu/question/find-the-sum-of-cubes-of-the-first-24-natural-numbers/>