

Medium

DGVCL Vidyut Sahayak JE (Electrician) 2024

Find the sum of cubes of the first 24 natural numbers.

A

76176

B

96100

C

81000

D

90000

Correct

Correct Answer: D

Full Detailed Explanation

Sum of cubes = $[n(n+1)/2]^2$. For $n=24$: $[24 \cdot 25/2]^2 = 300^2 = 90000$.

Open live question on website:

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