

Medium

DGVCL Vidyut Sahayak JE (Electrician) 2024

40

3: 4: 8

A

22

B

24

Correct

C

10.67

D

8

Correct Answer: B

Full Detailed Explanation

$$\begin{aligned} \text{Let the ages be } 3x, 4x, \text{ and } 8x. \\ \text{Average age} = \frac{3x + 4x + 8x}{3} = 40 \\ 15x = 120 \\ x = 8 \\ \text{Ages are } 3 \times 8 = 24, 4 \times 8 = 32, \text{ and } 8 \times 8 = 64. \end{aligned}$$

Open live question on website:

<https://sarkariresultout.com/pyq/hi/question/the-average-age-of-three-persons-is-40-years-and-their-ages-are-in/>