

Q 25

The average marks of three batches is 55, 60 and 45 students respectively is 50, 55 and 60. Then average of all students is.

$$\text{Sum of marks of 1st batch} = 55 \times 50$$

$$\text{2nd batch} = 60 \times 55$$

$$\text{3rd batch} = 45 \times 60$$

$$\therefore \text{Net mean} = \frac{55 \times 50 + 60 \times 55 + 45 \times 60}{55 + 60 + 45}$$

$$= 54.68$$

Difficulty  $\rightarrow$  Easy