NABARD Development Assistant Prelims Quant MBT (Based on 21st Feb 2026 S1 Paper)

Q.1 Find the average number of mobile sold by A,D & E.
The table given below show the TV and mobile sold by five different shops (A, B, C, D & E).

Shops	TV sold	Mobile Sold
A	240	150
B	360	123
C	90	81
D	120	99
E	72	111

A. 130
B. 125
C. 124
D. 128
E. 120

Answer: E

Sol:

Required average = (150+99+111)/3=120

Q.2 Find the ratio of TV sold by A and B together to mobile sold by B and C together.
The table given below show the TV and mobile sold by five different shops (A, B, C, D & E).

Shops	TV sold	Mobile Sold
A	240	150
B	360	123
C	90	81
D	120	99
E	72	111

A. 30:31
B. 25:24
C. 24:25
D. 50:17
E. 20:21

Answer: D

Sol:

Required Answer =240+360:123+81 = 600:204=50:17

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Q.3 If the mobile sold by F is 20% more than that of A and average number of items (TV and Mobile) sold by F is 220. Find the mobile sold by F.
The table given below show the TV and mobile sold by five different shops (A, B, C, D & E).

Shops	TV sold	Mobile Sold
A	240	150
B	360	123
C	90	81
D	120	99
E	72	111

A. 230
B. 225
C. 224
D. 228
E. 260

Answer: E

Sol:

Mobile sold by F = 120% of 150 = 180
Total items sold by F = 220 x 2 = 440
Required Answer = 440 – 180 = 260

Q.4 If the cost of each mobile is Rs. 200, then find the total revenue generated after selling all the mobiles.
The table given below show the TV and mobile sold by five different shops (A, B, C, D & E).

Shops	TV sold	Mobile Sold
A	240	150
B	360	123
C	90	81
D	120	99
E	72	111

A. 112000
B. 112900
C. 112800
D. 111280
E. 121010

Answer: C

Sol:

Required Answer = 200x (150+123+81+99+111)=564x200 = Rs. 112800

Q.5 The mobile sold by E is what percentage of the TV sold by A.
The table given below show the TV and mobile sold by five different shops (A, B, C, D & E).

Shops	TV sold	Mobile Sold
A	240	150
B	360	123
C	90	81
D	120	99
E	72	111

A. 24.3%
B. 43.25%
C. 24.34%
D. 46.25%
E. 20%

Answer: D

Sol:

Required answer = 111/240×100=46.25%

Q.6 Find the difference between mobiles and TV sold by all the shops.
The table given below show the TV and mobile sold by five different shops (A, B, C, D & E).

Shops	TV sold	Mobile Sold
A	240	150
B	360	123
C	90	81
D	120	99
E	72	111

A. 330
B. 318
C. 324
D. 328
E. 320

Answer: B

Sol:

Mobile sold = (150+123+81+99+111)= 564
TV sold = 240+360+90+120+72 = 882
Required Answer =882 – 564 = 318

Q.7 111, 113, 117, 125, 141, ?

Find the missing number in the following number series.

A. 173
B. 179
C. 182
D. 190
E. 168

Answer: A

Sol:

The pattern of the series-
111+2=113
113+4=117
117+8=125
125+16=141
141+32= **173**

Q.8 3, 4, ?, 10, 18, 34

Find the missing number in the following number series.

A. 12
B. 7
C. 6
D. 8
E. 5

Answer: C

Sol:

The pattern of the series-
3×2-2=4
4×2-2= **6**
6×2-2=10
10×2-2=18
18×2-2=34

Q.9 121, ?, 146, 166, 191, 221

Find the missing number in the following number series.

A. 139
B. 131
C. 129
D. 127
E. 133

Answer: B

Sol:

The pattern of the series-
121+10= **131**
131+15=146
146+20=166
166+25=191
181+30=221

Q.10 2, ?, 40, 120, 240, 240

Find the missing number in the following number series.

A. 12
B. 8

C. 6
D. 10
E. 4

Answer: D

Sol:

The pattern of the series-
2×5= **10**
10×4=40
40×3=120
120×2=240
240×1=240

Q.11 **What will come in the place of question (?) mark in following the question:**
$\sqrt{625} + \sqrt{400} - 5^2 = ?$

A. 20
B. 10
C. 30
D. 50
E. 60

Answer: A

Sol:

$\sqrt{625} + \sqrt{400} - 5^2 = ?$
$25 + 20 - 25 = ?$
$20 = ?$

Q.12 **What will come in the place of question (?) mark in following the question:**
$16^2 \div 8 + 5 = ?$

A. 31
B. 37
C. 33
D. 35
E. 39

Answer: B

Sol:

$16^2 \div 8 + 5 = ?$
$256 \div 8 + 5 = ?$
$32 + 5 = ?$
$37 = ?$

Q.13 **What will come in the place of question (?) mark in following the question:**
[(15% of 600) + (1/4 of 120)] × 2 = ?

A. 250
B. 210
C. 240
D. 230
E. 200

Answer: C

Sol:

[(15% of 600) + (1/4 of 120)] × 2 = ?
[90 + 30] × 2 = ?

240 = ?

Q.14 What will come in the place of question (?) mark in following the question:
12 × 18 + 36 ÷ 6 = ?

A. 222
B. 224
C. 221
D. 223
E. 225

Answer: A

Sol:

12 × 18 + 36 ÷ 6 = ?
216 + 6 = ?
222 = ?

Q.15 What will come in the place of question (?) mark in following the question:
1210 ÷ 11 + 1350 ÷ 10 = 300 − ?

A. 75
B. 65
C. 55
D. 85
E. 45

Answer: C

Sol:

1210 ÷ 11 + 1350 ÷ 10 = 300 - ?
110 + 135 = 300 - ?
? = 300 - 110 - 135
? = 55

Q.16 What will come in the place of question (?) mark in following the question:
18^2 + 450 ÷ 25 = ? + 20

A. 324
B. 350
C. 322
D. 340
E. 360

Answer: C

Sol:

18^2 + 450 ÷ 25 = ? + 20
324 + 18 = ? + 20
322 = ?

Q.17 What will come in the place of question (?) mark in following the question:
12 × 45 − 2430 + ? = 510

A. 2470
B. 2380
C. 2400
D. 2350
E. 2300

Answer: C

Sol:

$12 \times 45 - 2430 + ? = 510$

$540 - 2430 + ? = 510$

$? = 510 + 2430 - 540$

$? = 2400$

Q.18 What will come in the place of question (?) mark in following the question:

$\sqrt[3]{4913} - 214 + 40\% \text{ of } 80 = ?$

A. 165
B. -165
C. -330
D. 330
E. 360

Answer: B

Sol:

$\sqrt[3]{4913} - 214 + 40\% \text{ of } 80 = ?$

$17 - 214 + 32 = ?$

$-165 = ?$

Q.19 $23 \times 24 + 23 \times 47 - 23 \times 54 = x$

What will come in place of 'x' in the following questions?

A. 237
B. 289
C. 321
D. 391
E. 491

Answer: D

Sol: $23(24+47-54)=x$

$x=23\times17$

$x=391$

Q.20 What will come in the place of question (?) mark in following the question:

$32\% \text{ of } 125 + 48\% \text{ of } 150 = ?$

A. 110
B. 116
C. 112
D. 111
E. 114

Answer: C

Sol:

$32\% \text{ of } 125 + 48\% \text{ of } 150 = ?$

$40 + 72 = ?$

$112 = ?$

Q.21 $18.657 - 7.549 - 4.111 - 1.630 = ?$

What will come in place of the question mark (?) in the following questions?

A. 4.673

B. 6.893
C. 6.562
D. 5.367
E. 6.367

Answer: D

Sol:

18.657 – 7.549 – 4.111 – 1.630 =?
? = 5.367

Q.22 **What should come in place of question mark (?) in the following questions?**
? = 180 ÷ 15 × 25 ÷ 5

A. 48
B. 60
C. 50
D. 36
E. 72

Answer: B

Sol:

? = 180 ÷ 15 × 25 ÷ 5
? = 12 × 5
? = 60

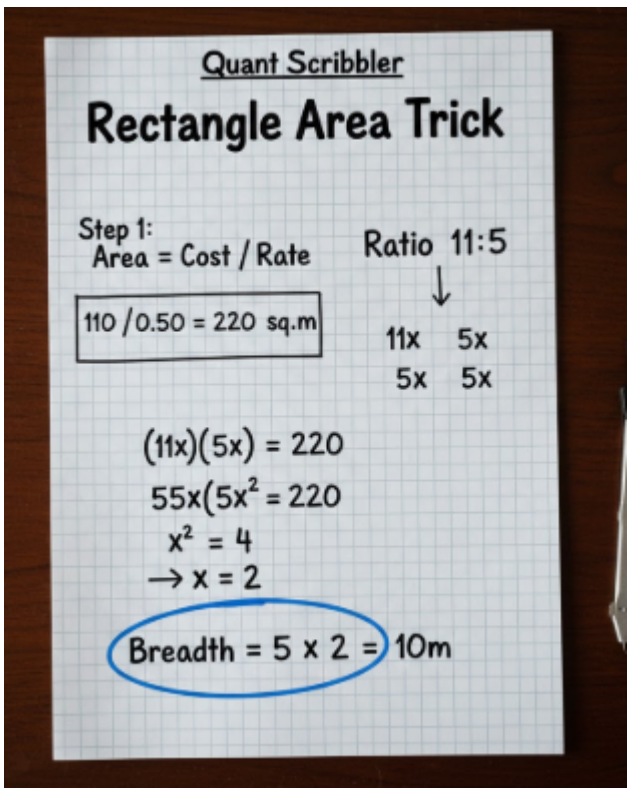
Q.23 **A rectangular field cost Rs. 110 for leveling at 50 paise per square meter. If the ratio of length to breadth is 11 : 5. Find the breadth of field ?**

A. 12 m
B. 10 m
C. 5 m
D. 16 m
E. 15 m

Answer: B

Sol: Given, ratio of length to breadth = 11 : 5
Let length be 11X and breadth be 5X
ATQ,
∴ Area of the rectangular field =110/0.50 sq meter
= 220 sq. meter
∴ 11X × 5X = 220
=> $55X^2$ = 220
X = 2
So, the breadth of the rectangle is
= 5 × 2 = 10 m

Exam Hall Method:



Q.24 **The speed of a boat in still water is 10 km/hour while traveling downstream and 5 km/hour while traveling upstream. Find the speed of boat in still water is how much percent more than the speed of stream?**

A. 50%
B. 120%
C. 100%
D. 200%
E. 150%

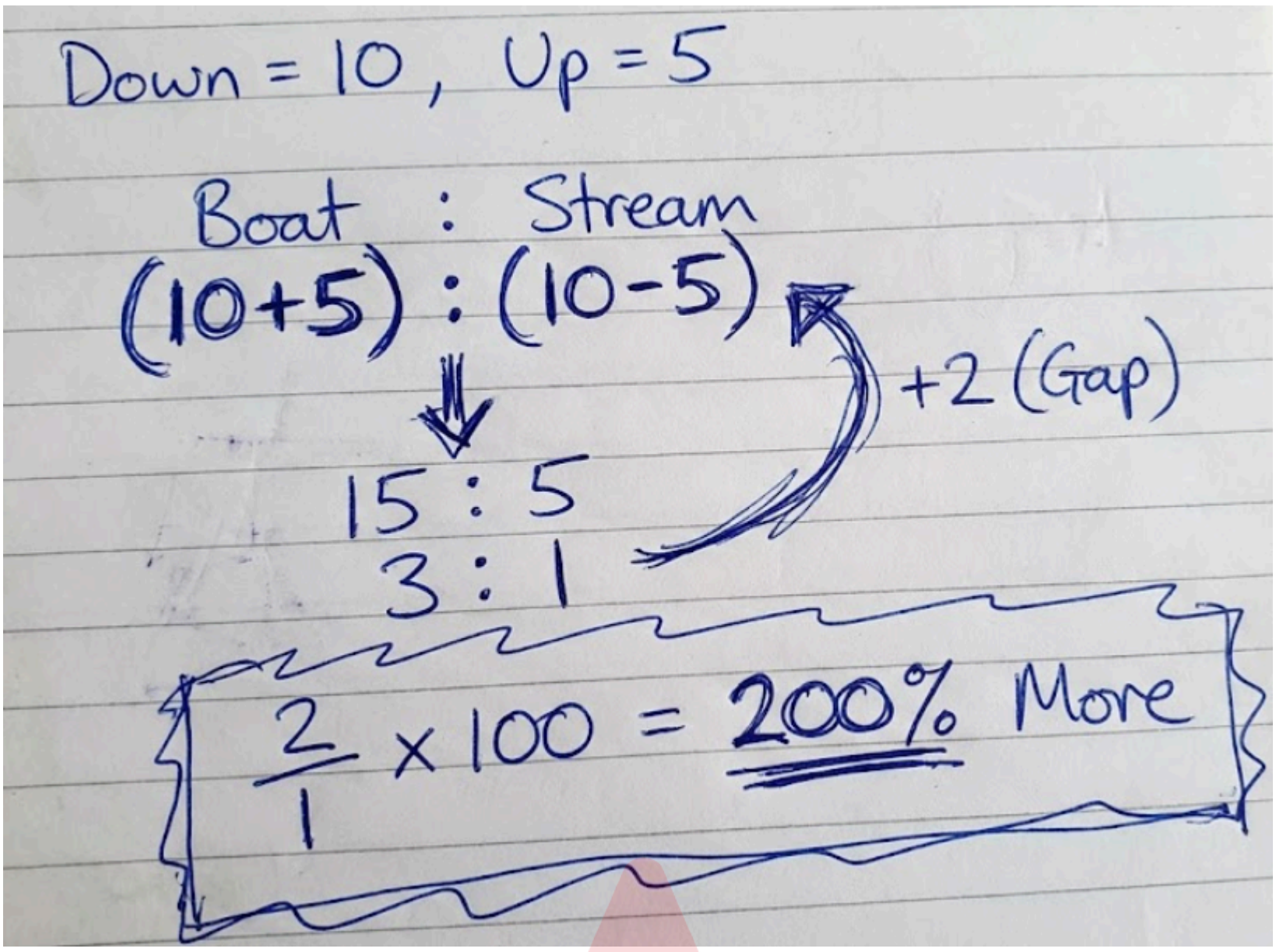
Answer: D

Sol:

Information Given:
Downstream speed = 10 km/hr
Upstream speed = 5 km/hr
Asked: Speed of boat in still water is what % more than speed of stream
Formula Used:
Downstream speed = Boat speed + Stream speed
Upstream speed = Boat speed - Stream speed
Boat speed = (Downstream + Upstream)/2
Stream speed = (Downstream - Upstream)/2
% more = [(Boat speed - Stream speed)/ Stream speed] × 100
Explanation:
Boat speed (B) = (10 + 5)/2 = 15/2 = 7.5 km/hr
Stream speed (S) = (10 - 5)/2 = 5/2 = 2.5 km/hr
Difference = B - S = 7.5 - 2.5 = 5 km/hr

% more = (5/2.5) × 100 = 200%

Exam Hall Method:



Q.25 P and Q invested the same capital in a business. At the end of year they gets the profit of Rs. 7500 and Rs.5000 respectively. If P invested his capital for the whole year, then find for how many months Q invested her capital?

A. 8 months
B. 7 months
C. 5 months
D. 9 months
E. 10 months

Answer: A

Sol: Given:

P and Q invested Rs. 7500 and Rs.5000

Investment period of P = 12 months.

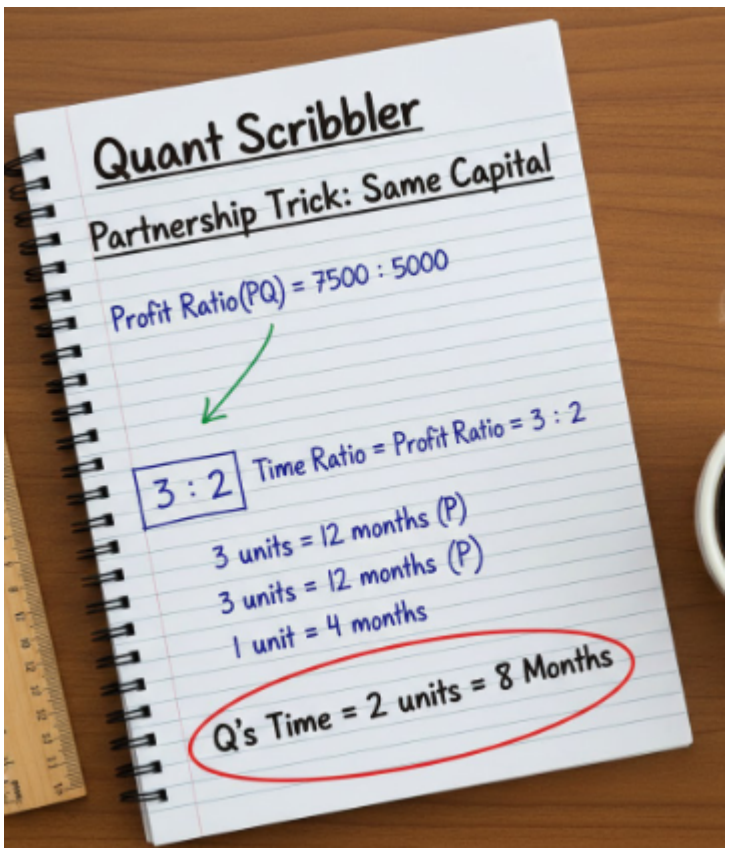
Formula Used:

profit = amount invested x time

Explanation:

(P profit)/(Q profit)=7500/5000=3/2
Let P invested capital for 12 months and Q invested his capital for T months
3/2=12/T
T=12/3×2
T = 8 months

Exam Hall Method:



Q.26 If the interest received on amount of Rs.12000 at a certain rate of simple interest in 2 years is Rs.4800, then find the interest received after 3 years will be (in Rs.)?

A. 8400 Rs.
B. 6000 Rs.
C. 7200 Rs.
D. 4800 Rs.
E. 4000 Rs.

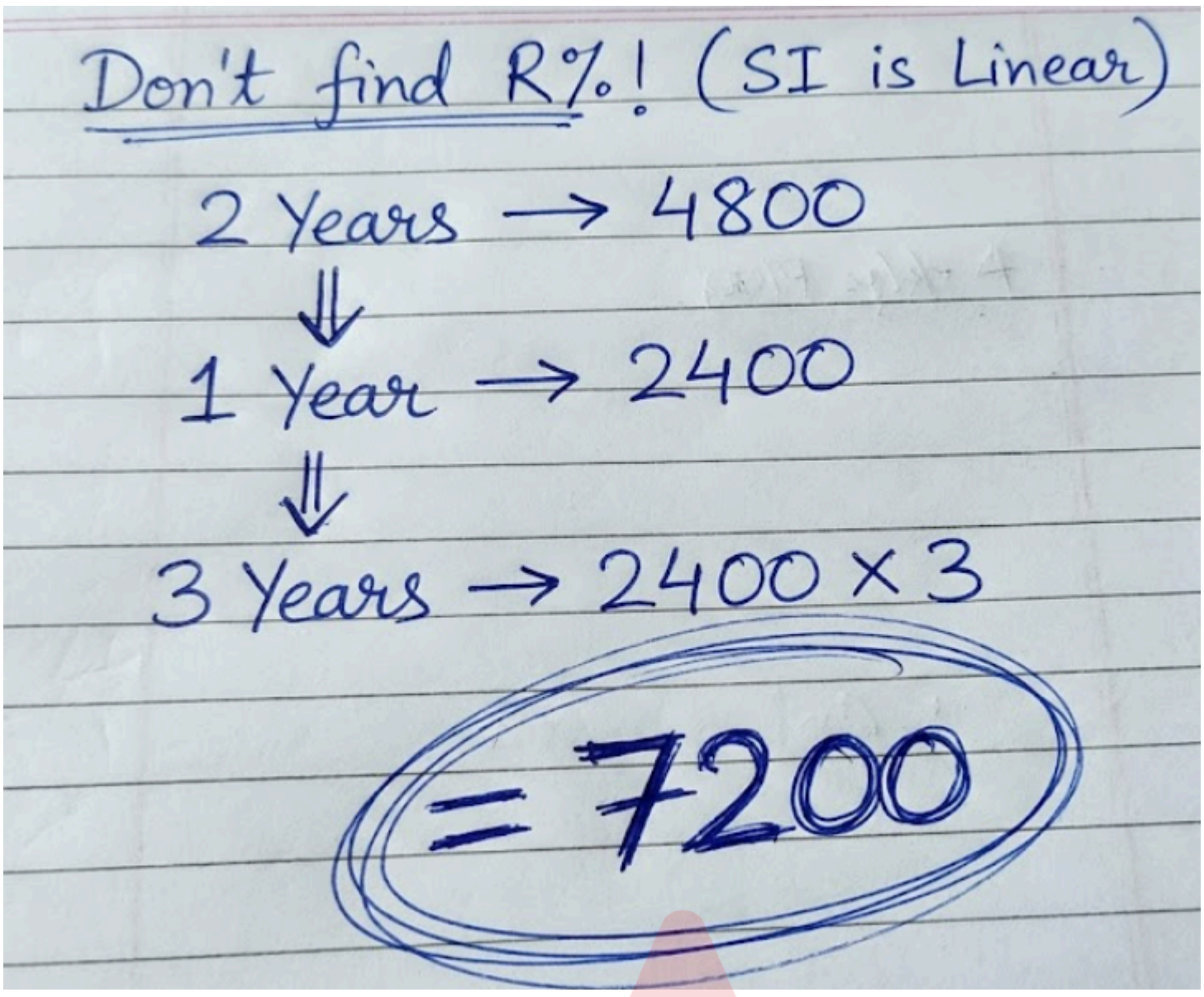
Answer: C

Sol:

Information Given:
Principal = Rs. 12000
Simple interest for 2 years = Rs. 4800
Asked: Simple interest after 3 years
Formula Used:
Simple Interest = (Principal × Rate × Time) / 100
Interest is directly proportional to time
Explanation:
Rate = (4800 × 100)/(12000 × 2) = 20% per annum

Interest for 3 years = 12000 × 20 × 3/100 = 7200 Rs.

Exam Hall Method:



Q.27 10 men can complete a work in 45 days. How many men will be required to complete 3/4th of the same work in 15 days?

A. 10.5
B. 20.5
C. 30.5
D. 25.5
E. 22.5

Answer: E

Sol: **Information Given:**

10 men can complete the work in 45 days

Formula Used:

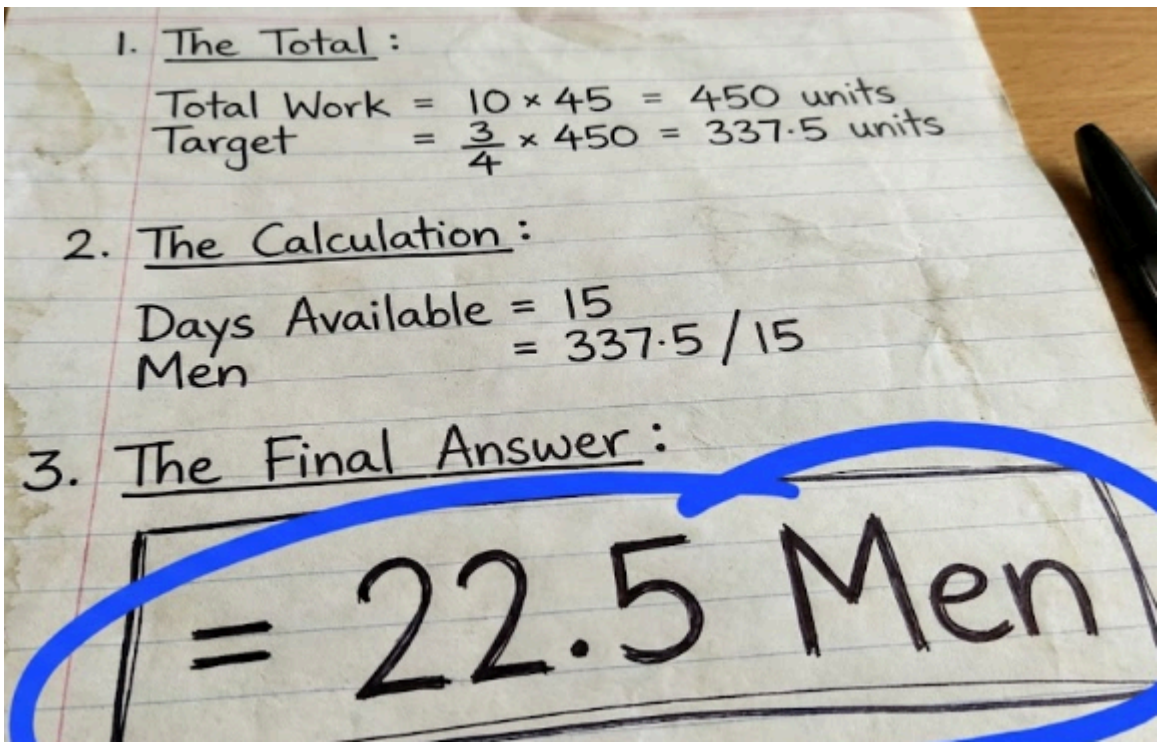
Work = Number of workers × Time.

Explanation:

Total work in man-days =10×45=450 man-days. Work for 3/4 of the task =450×3/4=337.5 man-days.

Number of men required = Work /Time available =337.5/15=22.5.

Exam Hall Method:



Q.28 **A man sees a train passing over a bridge of length 1 km. The length of the train is half of the length of bridge. If the train passes the bridge in 2 minutes then find the speed of the train ?**

A. 30 kmph
B. 45 kmph
C. 50 kmph
D. 60 kmph
E. 54 kmph

Answer: B

Sol: **Given:**

Length of bridge = 1 km

Length of train = half of the length of the bridge

Time taken by train to pass the bridge = 2 minutes

Formula used:

Speed = Distance/Time

Speed of train = (length of train+length of bridge)/(time taken by train to cross the bridge)

Explanation:

Total Distance = Length of bridge + Length of train

= 1 +1/2=3/2 km

Speed =

$$\frac{\frac{3}{2}}{2\times\frac{1}{60}} = \frac{3}{4}\times 60 = 45 \text{ kmph}$$

Q.29 **Two vessels with the same capacity contain mixture of milk and water in the ratio 1 : 5 and 2 : 6 respectively. If the both mixtures are mixed and formed a new mixture, then find the ratio of water to milk in the new mixture?**

A. 5:19
B. 19:5
C. 17:5
D. 5:17
E. 19:7

Answer: B

Sol: **Information Given:**

First vessel ratio (milk : water) = 1 : 5

Second vessel ratio (milk:water) = 2 : 6

Both vessels have same capacity, their mixtures are merged

Asked: Ratio of water to milk in final mixture

Concept/Formula Used:

Final ratio = (Total water) : (Total milk)

Explanation:

Let capacity of each vessel = x litres (as both are same, choose x)

First vessel:

Milk = x × 1/6

Water = x × 5/6

Second vessel:

Milk = x × 2/8 = x × 1/4

Water = x × 6/8 = x × 3/4

In new mixture:

Total milk = x × 1/6 + x × 1/4

= x (1/6 + 1/4)

= x ((2+3)/12)

= x (5/12)

Total water = x × 5/6 + x × 3/4

= x (5/6 + 3/4)

= x ((10 + 9)/12)

= x (19/12)

Required ratio = (19/12) / (5/12)

= 19 : 5

Q.30 **Two groups of students, whose average ages are 15 years and 25 years, combine to form a third group whose average age is 22 years. What is the ratio of the number of students in the first group to that of in second group?**

A. 5: 2
B. 2: 5
C. 3: 7
D. 5: 3
E. 4: 5

Answer: C

Sol:

Let the number of students in two groups be x & y

$\therefore 15x+25y=22(x+y)$

$\Rightarrow (25-22)y=(22-15)x$

$\Rightarrow 3y=7x$

$\Rightarrow x:y=3:7$