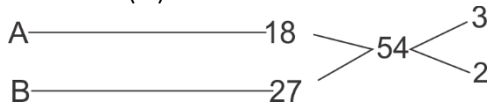


SOLUTIONS

S1. Ans.(b)



A fill tank in 30 mint = 30×3

Extra water empty by B

$$90 - 54 = 36$$

B close after. $\frac{36}{2} = 18$ minutes

S2. Ans.(b)

A.T.Q

	Man	Woman	Child
	2k	6k	3k

Total work = $(2k \times 5 + 2 \times 6k + 6 \times 3k) \times 9$
 $40K \times 9$

N Women complete work in 5 days.

$$N = \frac{40k \times 9}{6k \times 5}$$

= 12 Women

S3. Ans.(b)

CP	SP	P%
100	220	120
125	220	76

A.T.Q $\frac{95}{125} \times 100 = 76\%$

Change in profit % = $\frac{120 - 76}{120} \times 100$
 $= \frac{44}{120} \times 100$
 $= 36.66\%$

S4. Ans.(c)

Sol. Sum of all no. is = 49×12
 $= 588$

Sum of 1st six numbers = $47 \times 6 = 282$

Sum of last four number = 46×4

S8. Ans.(c)

Sol.

Mahatma title given by. Ravinder nath tagore. Netaji title given by adolf Hitler.

S9. Ans.(c)

Sol.

5

3

 6
2

4

 6

S10. Ans.(a)

Sol.

