

GSA - MOCK

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SECTION B

SECTION C

Q#6(A) $\Rightarrow$ That woman is the Grand mother of Ahsan.

Q#6(B) $\Rightarrow$ At 12 km/hour

1 hour = 60 min

Man travels 12 km in 60 minutes.

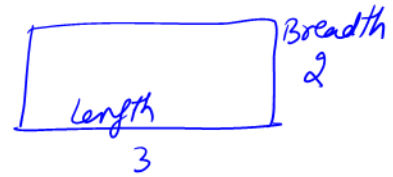
60 min = 12 km

1 min = $\frac{12}{60}$ km

8 min = $\frac{12}{60} \times 8$ km
~~60~~ 30 15 5

8 min = $\frac{8}{5}$ km

8 min = 1.6 km.



3:2

$$\begin{array}{r} 1.6 \\ 5 \overline{) 80} \\ \underline{50} \\ 30 \\ \underline{30} \\ 0 \\ \times \end{array}$$

Q#6(c) ✓

Q.7 (A)

$$40\% \cdot x = \frac{2}{3} y$$

$$\frac{20}{100} x = \frac{2}{3} y$$

$$\frac{x}{5} = \frac{y}{3}$$

$$\frac{x}{y} = \frac{5}{3}$$

$$\boxed{x:y = 5:3} \text{ Ans}$$

Q.7 (B) After selling 17 balls at Rs. 720

$$\text{Payment received} = 17 \times 720$$

$$\text{Payment received} = 12,240$$

$$\text{Loss} = \text{Cost price of 5 balls}$$

$$\text{Cost price of 1 ball} = ?$$

$$\text{let cost price} = x$$

$$\text{cost price of 5 ball} = 5x$$

$$\begin{array}{r} 720 \\ \times 17 \\ \hline 5040 \\ 720 \times \\ \hline 12240 \end{array}$$

$$\text{Profit} = \text{Selling} - \text{Cost}$$

$$\text{Loss} = \text{Cost} - \text{Selling}$$

$$\text{Loss} = \text{Cost price} - \text{Selling price}$$

$$\text{Loss} = (12,240 + 5x) - (12,240)$$

$$\boxed{\text{Loss} = 5x}$$

Q#7(c) ✓

Let Son's Age = x

Man's Age = $24 + x$

After two years.

$$x+2 = 24+(x+2)$$

$$x+2 = 26+x$$

his age will be twice the age of his son

$$26+x = 2(x+2)$$

$$26+x = 2x+4$$

$$\boxed{22 = x}$$

⇒ So, present age of son is 22 years. // Ans



Q.7 (D) ✓ Typing speed of Rashid.

32 pages = 6 hours

1 page = $\frac{6}{32}$ hours

$$110 \text{ pages} = \frac{3}{8} \times \frac{6}{1} \times \frac{55}{10} \text{ hours}$$

$$\begin{array}{r} 55 \\ 1 \overline{) 3} \\ 165 \end{array}$$

Rashid $\boxed{110 \text{ pages} = \frac{165}{8} \text{ hours}}$

Typing speed of Kamran

40 pages = 5 hours

1 page = $\frac{5}{40}$ hours

$$110 \text{ pages} = \frac{110}{8} \text{ hours}$$

$$\begin{array}{r} 55 \\ 40 \overline{) 110} \\ 80 \end{array}$$

$$\begin{array}{r} 55 \\ 5 \overline{) 110} \\ 40 \end{array}$$

Kamran $\boxed{110 \text{ pages} = \frac{55}{4} \text{ hours}}$

As we know that

$$W_{AB} = \frac{1}{A} + \frac{1}{B}$$

$$W_{Rashid + Kamran} = \frac{1}{\frac{165}{8}} \text{ hr} + \frac{1}{\frac{55}{4}} \text{ hr}$$

$$W_{Rashid + Kamran} = \frac{8}{165} \text{ hr} + \frac{4}{55} \text{ hr}$$

$$W_{Rashid + Kamran} = \frac{8 + 12}{165} \text{ hr}$$

$$= \frac{+8 \quad 6}{\frac{165}{55}} \text{ hr}$$

$$W_{Rashid + Kamran} = \frac{6}{55} \text{ hr}$$

$$\frac{1}{\frac{5}{40}} + \frac{1}{\frac{6}{32}}$$

$$\frac{40}{5} + \frac{16}{\cancel{32}}$$

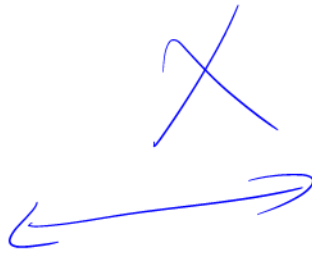
$$8 + \frac{16}{3}$$

$$\frac{24 + 16}{3}$$

$$\frac{16}{40}$$

$$1 \text{ page} = \frac{40}{3} \text{ hour}$$

$$110 \text{ page} = \frac{40}{3} \times 110$$



Q.6 Five Horses A to E in a row

A, B, C, D, E

A is to the right of B

B A

E is to the left of C and right of A

So,

BAEC

and lastly B is to the right of D

DBAEC

⇒ D is in the middle. Ans



Q.6(B) ✓

- Q. 8(c) ✓
- (a) SHIRT
 - (b) COAT
 - (c) BLOUSE
 - (d) SKIRT
 - (e) SWEATER.

⇒ (c) BLOUSE is odd man out.



Q. # 8(D) ✓

$$\begin{aligned}
 &3 + 8 + 8 + 3 + 2 \\
 &+ 3 + 3 + 4 \\
 &\quad \text{(1+2)}
 \end{aligned}$$

Total Triangles = 34

