

Maths Test

Q1. Average of 25, 35, 40, 95, 80

$$\frac{25 + 35 + 40 + 95 + 80}{5}$$

$$= 273 \div 5$$

$$= 54.6$$

$$\begin{array}{r} 54.6 \\ 5 \overline{) 273.0} \\ \underline{25} \\ 23 \\ \underline{20} \\ 30 \\ \underline{30} \\ 0 \end{array}$$

Q2. A train cover a distance of 121 km
at speed of 50 km/hr

$$= \text{time} = \frac{\text{distance}}{\text{speed}}$$

$$\text{time} = \frac{121}{50}$$

$$= \text{Time} = 2.42$$

$$\begin{array}{r} 2.42 \\ 50 \overline{) 121.0} \\ \underline{100} \\ 210 \\ \underline{200} \\ 100 \\ \underline{100} \\ 0 \end{array}$$

Maths Test

Q1. Average of 25, 35, 40, 95, 80

$$\frac{25 + 35 + 40 + 95 + 80}{5}$$

$$= 275 \div 5$$

$$= 55$$

$$\begin{array}{r} 55 \\ 5 \overline{) 275} \\ \underline{25} \\ 25 \\ \underline{25} \\ 0 \end{array}$$

or A train cover a distance of 121 km
at speed of 50 km/hr

$$= \text{time} = \frac{\text{distance}}{\text{speed}}$$

$$\text{time} = \frac{121}{50}$$

$$= \text{Time} = 2.42$$

$$\begin{array}{r} 2.42 \\ 50 \overline{) 121} \\ \underline{100} \\ 210 \\ \underline{200} \\ 100 \\ \underline{100} \\ 0 \end{array}$$

Q3 ~~51~~ Speed = $\frac{\text{Distance}}{\text{Time}}$

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$$\text{Speed} = \frac{300}{4}$$

$$\text{Speed} = 75 \text{ km/hr}$$

$$\begin{array}{r} 4 \overline{) 300} \\ \underline{280} \\ 20 \\ \underline{20} \\ 0 \end{array}$$

Q4 198 km/hr

~~$$= \frac{198}{18} = 11$$~~

$$\begin{array}{r} 20 \\ 5 \overline{) 100} \\ \underline{100} \\ 0 \end{array}$$

$$\frac{11}{198} \times \frac{5}{18} = 11 \times 5 = 55 \text{ m/s}$$

Q5 120 m/sec

$$120 \times \frac{18}{5} = 24 \times 18 = 432 \text{ km/hr}$$