Aptitude Excellence Test 4

Total points   12/20   ?

20 ques 30 min

The respondent's email (**harshal.tarmale.cmaug25@gmail.com**) was recorded on submission of this form.

Name *

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12 digit PRN *

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✓ **A person crosses a 600 m long street in 5 minutes. What is his speed in km per hour?** *1/1

○ 3.6

◉ 7.2   ✓

○ 8.4

○ 10

✓ **If a person walks at 14 km/hr instead of 10 km/hr, he would have walked** *1/1
20 km more. The actual distance travelled by him is:

◉ 50 km   ✓

○ 56 km

○ 70 km

○ 80 km

✓ **A man complete a journey in 10 hours. He travels first half of the journey** *1/1
at the rate of 21 km/hr and second half at the rate of 24 km/hr. Find the
total journey in km

○ 220 km

◉ 224 km   ✓

○ 230 km

○ 234 km

✓ **A man sitting in a train which is traveling at 50 kmph observes that a** *1/1
goods train, traveling in opposite direction, takes 9 seconds to pass him.
If the goods train is 280 m long, find its speed.?

○ 60

○ 64

◉ 62   ✓

○ 65

⑦

✓ A train 125 m long passes a man, running at 5 km/hr in the same   *1/1
direction in which the train is going, in 10 seconds. The speed of the train
is ?

○ 45 kmph

○ 30 kmph

○ 25 kmph

◉ 50 kmph   ✓

✓ Two trains are running in opposite directions in the same speed. The   *1/1
length of each train is 120 meter. If they cross each other in 12 seconds,
the speed of each train (in km/hr) is......

○ 42

○ 20

◉ 36   ✓

○ 28

✕   A train of length 110 meter is running at a speed of 60 kmph. In what   *0/1
    time, it will pass a man who is running at 6 kmph in the direction opposite
    to that in which the train is going?

○   4

◉   8   ✕

○   6

○   10

Correct answer

◉   6

✓   Two trains started at the same time, one from A to B and the other from B *1/1
    to A . If they arrived at B and A respectively 4 hours and 9 hours after they
    passed each other the ratio of the speeds of the two trains was

○   2:1

◉   3:2   ✓

○   4:3

○   5:4

⑦

✕   A goods train runs at the speed of 72 kmph and crosses a 250 m long platform in 26 seconds. What is the length of the goods train?   *0/1

○ 230 m

○ 240 m

◉ 260 m   ✕

○ 270 m

Correct answer

◉ 270 m

✓   Two stations P and Q are 110 km apart on a straight track. One train starts from P at 7 a.m. and travels towards Q at 20 kmph. Another train starts from Q at 8 a.m. and travels towards P at a speed of 25 kmph. At what time will they meet?   *1/1

○ 10.30

○ 8.45

◉ 10   ✓

○ 9.30

✕   A train speeds past a pole in 15 seconds and a platform 100 m long in 25 *0/1
seconds. Its length is:

◉   50 m   ✕

◯   200 m

◯   data inadequate

◯   150 m

Correct answer

◉   150 m

✕   Two trains 140 m and 160 m long run at the speed of 60 km/hr and 40   *0/1
km/hr respectively in opposite directions on parallel tracks. The time (in
seconds) which they take to cross each other, is:

◯   9

◯   9.6 D

◉   10   ✕

◯   10.8

Correct answer

◉   10.8

?

✓ A train 110 metres long is running with a speed of 60 kmph. In what time *1/1
will it pass a man who is running at 6 kmph in the direction opposite to
that in which the train is going?

○ 5

◉ 6   ✓

○ 7

○ 10

✓ A train moves with a speed of 108 kmph. Its speed in metres per second *1/1
is :

○ 10

○ 18.3

◉ 30   ✓

○ 38.8

✗ Two trains are moving in opposite directions at 60 km/hr and 90 km/hr. *0/1
Their lengths are 1.10 km and 0.9 km respectively. The time taken by the
slower train to cross the faster train in seconds is ?

○ 42

◉ 44   ✗

○ 46

○ 48

Correct answer

◉ 48

✗   A train moves past a telegraph post and a bridge 264 m long in 8 seconds *0/1
and 20 seconds respectively. What is the speed of the train ?

○ 79km/hr

○ 79.2km/hr

◉ 60km/hr   ✗

○ 65.5km/hr

Correct answer

◉ 79.2km/hr

✗   *0/1

If a person walks at 14 km/hr instead of 10 km/hr, he would have walked
20 km more. The actual distance travelled by him is:

○ 50 km

○ 56 km

◉ 70 km   ✗

○ 80 km

Correct answer

◉ 50 km

✓   A train can travel 50% faster than a car. Both start from point A at the   *1/1
    same time and reach point B 75 kms away from A at the same time. On
    the way, however, the train lost about 12.5 minutes while stopping at the
    stations. The speed of the car is:

○ 100 kmph

○ 110 kmph

◉ 120 kmph   ✓

○ 130 kmph

✗   A man complete a journey in 10 hours. He travels first half of the journey   *0/1
    at the rate of 21 km/hr and second half at the rate of 24 km/hr. Find the
    total journey in km.

○ 220 km

○ 224 km

◉ 230 km   ✗

○ 234 km

Correct answer

◉ 224 km

(?)

✓ The ratio between the speeds of two trains is 7 : 8. If the second train runs 400 km in 4 hours, then the speed of the first train is: *1/1

○ 70 km/hr

○ 75 km/hr

○ 84 km/hr

◉ 87.5 km/hr ✓

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