



spardhaguru2022



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1) Two trains running in opposite directions cross a man standing on the platform in 27 seconds and 17 seconds respectively and they cross each other in 23 seconds. The ratio of their speeds is:

- a) 3 : 2                      b) 1 : 3  
c) 3 : 7                      d) 3 : 4

2) A 240m long train is running at 90kmph. If it crossed the platform in 30sec, then find the length of the platform?

- a) 490m                      b) 500m  
c) 510m                      d) 550m

3) Two trains running in opposite directions at 40kmph and 50kmph, cross each other in 30sec. the length of one train is 250m, then find the length of other one?

- a) 440m                      b) 490m  
c) 500m                      d) 510m

4) Two trains are running at 60 Kmph and 42 Kmph respectively, in same direction. Fast train completely passes a man sitting in the slower train in 30sec. what is the length of the faster train?

- a) 100m                      b) 125m  
c) 150m                      d) 175m

5) A train crosses a platform of 120m in 15sec, same train crosses another platform of length 180m in 18sec. then find the length of the train?

- a) 175m                      b) 180m  
c) 185m                      d) 170m

6) A train crosses a platform of 150m in 15sec, same train crosses another platform of length 250m in 20sec. then find the length of the train?

- a) 150m                      b) 165m  
c) 155m                      d) 160m

7) A train 400m long can cross an electric pole in 20sec, then find the speed of the train?

- a) 65 Kmph                      b) 70 Kmph  
c) 72 Kmph                      d) 75 Kmph

8) A train 250m long can cross a bridge of length 350m in 20sec, then find the speed of the train?

- a) 30 m/sec                      b) 32 m/sec  
c) 35 m/sec                      d) 36m/sec

9) The two trains of lengths 400m, 600m respectively, running at same directions. The faster train can Cross the slower train in 180sec, the speed of the slower train is 48km. then find the speed of the Faster train?

- a) 58 Kmph                      b) 68 Kmph  
c) 78 kmph                      d) 55 Kmph

10) Two trains, one from Howrah to Patna and the other from Patna to Howrah, start







simultaneously. After they meet, the trains reach their destinations after 9 hours and 16 hours, respectively. The ratio of their speeds is?

- a) 2:3                      b) 4:3  
c) 6:7                      d) 9:16

11) In what time will a train 100 metres long cross an electric pole, if its speed be 144 km/hr?

- a) 4.25 seconds                      b) 5 seconds  
c) 12.5 seconds                      d) 2.5 seconds

12) Two goods train each 500 m long, are running in opposite directions on parallel tracks. Their speeds are 45 km/hr and 30 km/hr respectively. Find the time taken by the slower train to pass the driver of the faster one.

- a) 12 sec                      b) 24 sec  
c) 48 sec                      d) 60 sec

13) How many seconds will a 500 metre long train take to cross a man walking with a speed of 3 km/hr in the direction of the moving train if the speed of the train is 63 km/hr?

- a) 25                      b) 30  
c) 40                      d) 45

14) A train moves past a telegraph post and a bridge 264 m long in 8 seconds and

20 seconds respectively. What is the speed of the train?

- a) 69.5 km/hr                      b) 70 km/hr  
c) 79.2 km/hr                      d) 79 km/hr

15) A train speeds past a pole in 15 seconds and a platform 100 m long in 25 seconds. Its length is:

- a) 200 m                      b) 150 m  
c) 50 m                      d) Data inadequate

16) A train 800 metres long is running at a speed of 78 km/hr. If it crosses a tunnel in 1 minute, then the length of the tunnel (in meters) is :

- a) 500                      b) 540  
c) 360                      d) 130

17) A train travelling at a speed of 75 mph enters a tunnel  $3\frac{1}{2}$  miles long. The train is  $\frac{1}{4}$  mile long. How long does it take for the train to pass through the tunnel from the moment the front enters to the moment the rear emerges?

- a) 2.5 min                      b) 3 min  
c) 3.2 min                      d) 3.5 min

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







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a) 5 sec

b) 6 sec

c) 7 sec

d) 10 sec

19) A 270 metres long train running at the speed of 120 kmph crosses another train running in opposite direction at the speed of 80 kmph in 9 seconds. What is the length of the other train?

a) 230 m

b) 240 m

c) 260 m

d) 320 m

20) Two trains are moving in opposite directions @ 60 km/hr and 90 km/hr. 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:

a) 36

b) 45

c) 48

d) 49

21) A train 360 m long is running at a speed of 45 km/hr. In what time will it pass a bridge 140 m long?

a) 40 sec

b) 42 sec

c) 45 sec

d) 48 sec

22) Two trains of equal length are running on parallel lines in the same direction at 46 km/hr and 36 km/hr. The faster train passes the slower train in 36 seconds. The length of each train is:

a) 50 m

b) 72 m

c) 80 m

d) 82 m

23) A train 240 m long passes a pole in 24 seconds. How long will it take to pass a platform 650 m long?

a) 65 sec

b) 89 sec

c) 100 sec

d) 150 sec

24) A train passes a station platform in 36 seconds and a man standing on the platform in 20 seconds. If the speed of the train is 54 km/hr, what is the length of the platform?

a) 120 m

b) 240 m

c) 300 m

d) 250 m

25) The length of the bridge, which a train 130 metres long and travelling at 45 km/hr can cross in 30 seconds, is:

a) 200 m

b) 225 m

c) 245 m

d) 250 m

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

a) 45 km/hr

b) 50 km/hr

c) 54 km/hr

d) 55 km/hr

27) A boat is rowed down a river 40 km in 5 hr and up a river 21 km in 7 hr. Find the speed of the boat and the river.

a) 61/12 kmph

b) 4.5 kmph

c) 5 kmph

d) 5.5 kmph





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28) A train travels from City X to City Y at a speed of 60 kmph, while on its return journey the train was travelling at speed of 120 kmph. Find the average speed of the train.

- a) 90                      b) 88  
c) 80                      d) 85

29) A train travels from City X to City Y at a speed of 32 kmph, while on its return journey the train was travelling at speed of 96 kmph. Find the average speed of the train.

- a) 64                      b) 58  
c) 48                      d) 44

30) A train travels from City X to City Y at a speed of 44 kmph, while on its return journey the train was travelling at speed of 77 kmph. Find the average speed of the train.

- a) 56                      b) 58.5  
c) 60                      d) 60.5

