

G.S.C.E

Chapter Covered PROBLEM ON TRAIN

(25 Questions with Options)

Q1

How much time will a train of length 200 m moving at a speed of 72 kmph take to cross another train of length 300 m, moving at 36 kmph in the same direction ?

- A) 58 sec B) 62 sec
 C) 60 sec D) 50 sec

Q2

Two trains namely X & Y leave station 'A' at 6.30am and 7.40am and travel at 30km/hr and 40 km/hr respectively. How many kms from 'A' will the trains meet ?

- A) 140 kms B) 120 kms
 C) 96 kms D) 142 kms

Q3

A train 125 m long passes a man, running at 4 km/hr in the same direction in which the train is going, in 10 seconds. The speed of the train is:

- A) 49 kmph B) 50 kmph
 C) 51 kmph D) 52 kmph

Q4

The length of a brigade which a train 130 m long and traveling at 45kmph can cross in 30 seconds, is

- A) 196 mts B) 220 mts
 C) 230 mts D) 245 mts

Q5

An Engine length 1000 m moving at 10 m/s. A bird is flying from engine to end with 'x' m/s and coming back at '2x' m/s. Take total time of bird travelling as 187.5 s. Find x and 2x in km/hr ?

- A) 21.4 and 42.8 B) 25.2 and 50.4
 C) 31.4208 and 62.8416 D) 33.12 and 66.24

Q6

A train 900 m long is running at a speed of 78 km/hr. If it crosses a tunnel in 1 min, then the length of the tunnel is ?

- A) 400 m B) 300 m
 C) 500 m D) 600 m

Q7

A train is moving and crossing a man who is running on a platform of 100 m at a speed of 8 kmph in the direction of the train, in 9 sec. If the speed of the train is 74 kmph. Find the length of the train ?

- A) 202 mts B) 188 mts
 C) 165 mts D) 156 mts

Q8

A train covered k km at 40 kmph and another $2k$ km at 20 kmph. Find the average speed of the train in covering the entire $3k$ km ?

- A) 28 kmph B) 24 kmph
 C) 26 kmph D) 32 kmph

Q9

A man's speed with the current is 15 km/hr and the speed of the current is 2.5 km/hr. The man's speed against the current is :

- A) 9.5 km/hr B) 10 km/hr
 C) 10.5 km/hr D) 11 km/hr

Q10

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

- A) 60 B) 62
 C) 64 D) 65

Q11

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

- A) 42 B) 36
 C) 28 D) 20

Q12

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

- A) 10 B) 8
 C) 6 D) 4

Q13

Two trains started at the same time, one from A to B and the other from B 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

- A) 2:1 B) 3:2
 C) 4:3 D) 5:4

Q14

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

Q15

Two cogged wheels of which one has 32 cogs and other 54 cogs, work into each other. If the latter turns 80 times in three quarters of a minute how often does the other turn in 8 seconds?

- A) 48 B) 24
 C) 38 D) 36

Q16

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?

- A) 10.30
- B) 10
- C) 8.45
- D) 9.30

Q17

Two trains of equal length, running with the speeds of 60 and 40 kmph, take 50 seconds to cross each other while they are running in the same direction. What time will they take to cross each other if they are running in opposite directions ?

- A) 10 sec
- B) 11 sec
- C) 12 sec
- D) 8 sec

Q18

Train K crosses a stationary Train L in 50 seconds and a pole in 20 seconds with the same speed. The length of the Train K is 240 meter
What is the length of stationary Train L ?

- A) 60 mts
- B) 120 mts
- C) 240 mts
- D) 360 mts

Q19

A train is traveling at 48 kmph . It crosses another train having half of its length , traveling in opposite direction at 42 kmph, in 12 seconds. It also passes a railway platform in 45 seconds. What is the length of the platform ?

- A) 500
- B) 400
- C) 360
- D) 480

Q20

Two trains, one from Hyderabad to Bangalore and the other from Bangalore to Hyderabad, start simultaneously. After they meet, the trains reach their destinations after 9 hours and 16 hours respectively. The ratio of their speeds is ?

- A) 3 : 4 B) 4 : 3
 C) 2 : 3 D) 3 : 2

Q21

Two trains of equal length are running on parallel lines in the same direction at 36 km/hr and 26 km/hr. The faster train passes the slower train in 36 sec. The length of each train is ?

- A) 28 mts B) 54 mts
 C) 24 mts D) 50 mts

Q22

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) 130 B) 360
 C) 500 D) 540

Q23

Two passenger trains start at the same hour in the day from two different stations and move towards each other at the rate of 16 kmph and 21 kmph respectively. When they meet, it is found that one train has traveled 60 km more than the other one. The distance between the two stations is ?

- A) 387 kms B) 242 kms
 C) 145 kms D) 444 kms

Q24

Two goods trains each 520 m long, are running in opposite directions on parallel tracks. Their speeds are 42 km/hr and 36 km/hr respectively. Find the time taken by the slower train to cross the driver of the faster one ?

- A) 60 sec B) 48 sec
 C) 45 sec D) 34 sec

Q25

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

- A) 50 m B) 150 m
 C) 200 m D) data inadequate

For Any Query please feel free to contact 9874021370 time 10am-6pm(Mon-Sat)