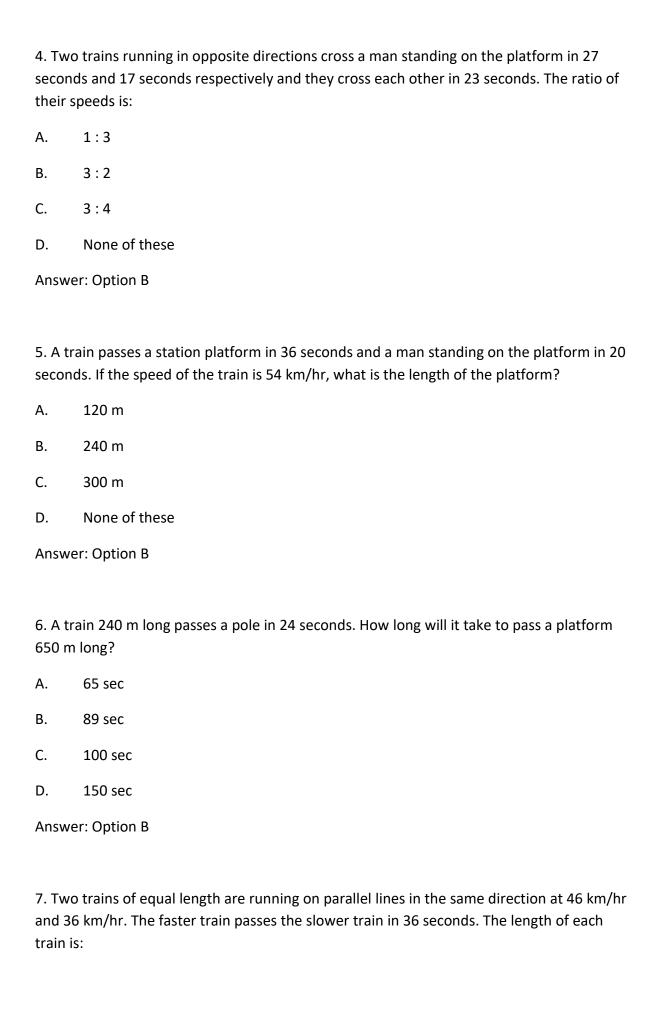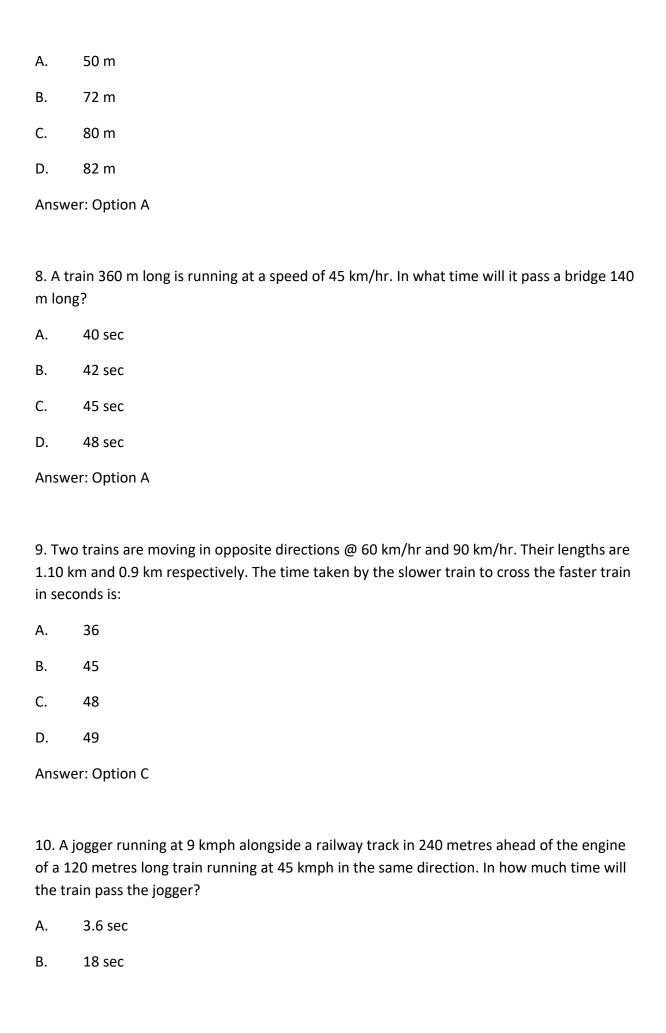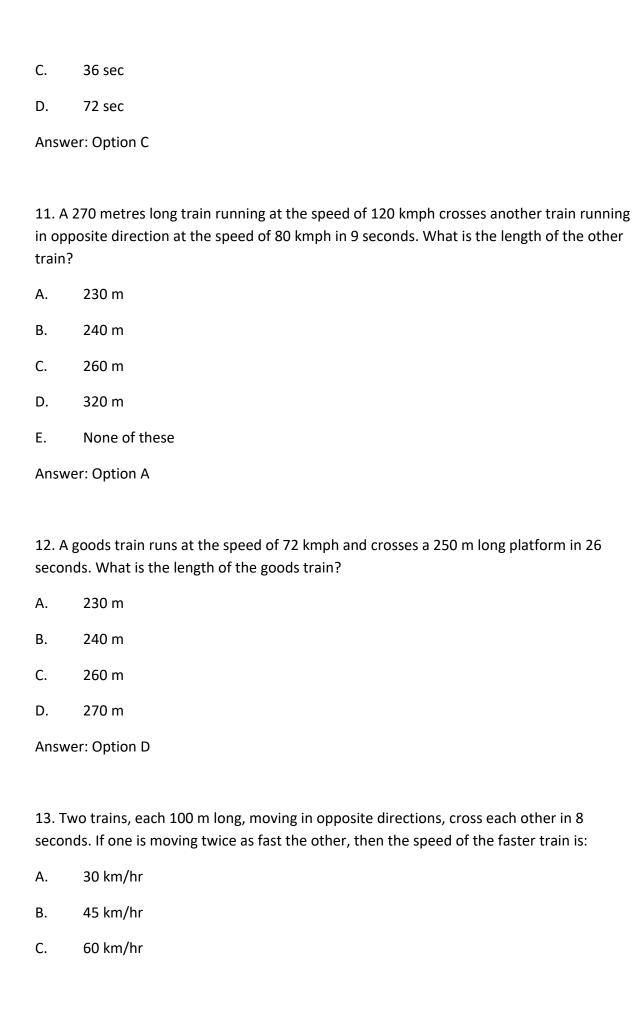# PROBLEMS ON TRAIN

1. A train running at the speed of 60 km/hr crosses a pole in 9 seconds. What is the length of the train?

A. 120 metres

B. 180 metres

C. 324 metres

D. 150 metres

Answer: Option D

2. 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

Answer: Option B

3. 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

Answer: Option C

4. 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.   1 : 3

B.   3 : 2

C.   3 : 4

D.   None of these

Answer: Option B

5. 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.   None of these

Answer: Option B

6. 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

Answer: Option B

7. 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

Answer: Option A

8. 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

Answer: Option A

9. 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

Answer: Option C

10. A jogger running at 9 kmph alongside a railway track in 240 metres ahead of the engine of a 120 metres long train running at 45 kmph in the same direction. In how much time will the train pass the jogger?

A.   3.6 sec

B.   18 sec

C.   36 sec

D.   72 sec

Answer: Option C

11. 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

E.   None of these

Answer: Option A

12. 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?

A.   230 m

B.   240 m

C.   260 m

D.   270 m

Answer: Option D

13. Two trains, each 100 m long, moving in opposite directions, cross each other in 8 seconds. If one is moving twice as fast the other, then the speed of the faster train is:

A.   30 km/hr

B.   45 km/hr

C.   60 km/hr

D.   75 km/hr

Answer: Option C

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

A.   9

B.   9.6

C.   10

D.   10.8

Answer: Option D

15. 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?

A.   5 sec

B.   6 sec

C.   7 sec

D.   10 sec

Answer: Option B

17. 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

Answer: Option C

18. A 300 metre long train crosses a platform in 39 seconds while it crosses a signal pole in 18 seconds. What is the length of the platform?

A.   320 m

B.   350 m

C.   650 m

D.   Data inadequate

Answer: Option B

19. 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

Answer: Option B

20. 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 km/hr

D.   79.2 km/hr

Answer: Option D