TRAIN

LEVEL - 1

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

    a) $120\ m$ b) $240\ m$
    c) $340\ m$ d) $300 m$

2) Two trains 100 m and 120 m long are running in the same direction with speeds of 72 km/hours and 54 km/hours. In how much time will the first train cross the second one?

    a) $40\ second$ b) $44\ second$
    c) $46\ second$ d) $50\ second$

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

    a) $65\ second$ b) $89\ second$
    c) $100\ second$ d) $150\ second$

4) Howlong does a train 110 m long running at the speed of 72 km/hour takes in crossing a bridge 132m in length?

    a) $9.8\ second$ b) $12.1\ second$
    c) $12.42\ second$ d) $14.3\ second$

5) A 260 m long train crosses in 120 m long wall in 19 seconds. What is the speed of the train?

    a) $27\ km/hour$ b) $49\ km/hour$
    c) $72\ km/hour$ d) $70\ km/hour$

6) A train covers a distance of 12 km in 10 minutes. If it takes 6 seconds to pass a telegraph post, then the length of the train is

    a) $90\ m$ b) $100\ m$
    c) $120\ m$ d) $140\ m$

7) A 300 m long train crosses a platform in 39 seconds while it crosses a single pole in 18 seconds. What is the length of the platform?

    a) $320\ m$ b) $650\ m$
    c) $350\ m$ d) $data\ inadequate$

8) A 250 m long train crosses a platform in 10 seconds. What is the speed of the train?

    a) 25 m/sec   b) $20\ m/sec$
    c) $22\ m/sec$ d) $can't\ be\ determined$

9) A train crosses a platform in 60 seconds at a speed of 45/hr. How much time will it take to cross an electric pole if the length of the platform in 100 meters?

    a) $8\ seconds$ b) $1\ minute$
    c) $52\ seconds$ d) $1\ hour$

10) Two trains, 130 and 110 meters long, while going in the same direction, the faster train takes one minute to pass the other completely. If they are moving in opposite direction, they pass each other completely in 3 seconds. Find the speed of trains.

    a) $24 m/sec, 19 m/sec$ b) $42 m/sec, 38 m/sec$
    c) $40 m/sec, 36 m/sec$ d) $Data\ inadequate$

11) The length of the bridge, in which a train of 130 m long travelling at 45 km/hour can cross in 30 seconds is

    a) $200 m$ b) $225 m$
    c) $245\ m$ d) $250 m$

12) A train 100 m long is standing near the railway line is

    a) $7\ second$ b) $8\ second$
    c) $10\ second$ d) $12\ second$

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

    a) $40\ second$ b) $42\ second$
    c) $45\ second$ d) $48\ second$

14) 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) $30\ km/hour$ b) $45\ km/hour$
    c) $60\ km/hour$ d) $75\ km/hour$

15) A train running at speed of 120 km/hour crosses a signal post in 15 seconds. What is the length of the train in meters?

    a) 300   b) 200
    c) 500   d) $can'tbe\ determined$

16) A train covers a distance of 180 km in 4 hours. Another train covers the same distance in one hour less. What is the difference in the distances covered by these two trains in one hour?

a) 45 km b) 40 km
c) 15 km d) 9 km

17) A train is moving at a speed of 132km/hour. If the length of the train is 110 m, how long will it take to cross a railway platform 165m long?

a) $6\frac{1}{2}$ $second$ b) 7 $second$
c) $7\frac{1}{2}$ $second$ d) 8 $second$

18) A goods train runs at a 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) 270m

19) A train 280m long, running with a speed of 63 km/hour will pass a tree in

a) 15 $second$ b) 16 $second$
c) 18 $second$ d) 20 $second$

20) In what time will a 100 m long train cross an electric pole, if its speed be 144 km/hour?

a) 2.5 $second$ b) 4.25 $second$
c) 5 $second$ d) 12.5 $second$

21) A train crosses a pole in 15 seconds and a platform which is 100 m long in 25 seconds. Find the length of the train

a) 50 m b) 150 m
c) 200m d) $data\ inadequate$

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

a) 170 m b) 180 m
c) 225 m d) 150 m

23) A train 800 m long is running at a speed of 78km/hour. If it crosses a tunnel in 1 minute then the length of the tunnel (in m) is

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

24) A train 125 m long passes a man, running at 5 kmph in the same direction in which the train is going in 10 seconds. The speed of the train is

a) 45 $km/hour$ b) 55 $km/hour$
c) 54 $km/hour$ d) 55 $km/hour$

25) An express train travelled at an average speed of 100 km/hour, stopping for 3 minutes after every 75 km. How long did it take to reach its destination 600 km from the starting point?

a) 6 $hours$ 21 $minute$ b) 6 $hours$ 24 $minutes$
c) 6 $hours$ 27 $minute$ d) 6 $hours$ 30 $minutes$

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

a) 10   b) 18
c) 36   d) 72

27) Two trains 140 m and 160 m long run at the speed of 60 km/hour and 40 km/hour respectively in opposite direction on parallel tracks. The time (in seconds) in which they take to cross each other in

a) 9   b) 9.6
c) 10   d) 10.8

28) A train crosses a telegraph post and a bridge which is 264 m long in 8 seconds and 20 seconds respectively. What is the length of the train?

a) 170 km b) 176km
c) 175 km d) 178km

29) A train 110 m in length runs through a station at the rate of 36 km per hour. How long will it take to pass a given point?

a) 11 sec b) 12 sec
c) 13 sec d) 15 sec

30) A train 540 m long is running with a speed of 72 km/hr. In what time will it pass a tunnel which is 160 m long?

a) 40 sec b) 30 sec
c) 35 sec d) 42 sec

31) A train 200 m long is running with a speed of 72km/hr. In what time will it pass a platform which is 160m long?
a) 18 *sec*   b) 21 *sec*
c) 15 *sec*   d) 20 *sec*

32) Two trains are moving in the opposite direction at 30 km/hr and 24km/hr. The faster train crosses a man in the slower train in 6 seconds. Find the length of the faster train.
a) 80 *m*   b) 100 *m*
c) 100 *m*   d) 90 *m*

33) 250 meters long train crosses a platform of length 350 meter in 50 seconds. Find the time for train to cross a bridge of 230 meters.
a) 45 *sec*   b) 50*sec*
c) 40 *sec*   d) 54 *sec*

34) 60 meters long train crosses a tunnel of length 40 meter in 10 second. Find the time taken for train to cross a man standing on a platform of length 65 meters.
a) 6 *sec*   b) 8 *sec*
c) 5 *sec*   d) 4 *sec*

35) A train travelling at a uniform speed, clears a platform 200 meters long in 10 seconds and passes a telegraph post in 6 seconds. Find the length of the train and its speed.
a) 300 *m*, 180 *km/hr*   b) 200*m*, 180 *km/hr*
c) 300*m* ,50*km/hr*   d) 200*m*, 50*km/hr*

36) Two trains of the length 200 m and 250 m respectively with different speeds pass a static pole in 8 seconds and 14 seconds respectively. In what time will they cross each other when they are moving in the same direction?
a) 63 *seconds*   b) 64 *seconds*
c) 72 *seconds*   d) 81 *seconds*

37) Two trains of the length 200 m and 100 m respectively pass a static pole in 6 seconds and 5 seconds respectively. In what time will they cross each other when they are moving in opposite direction.
a) 4.5 *seconds*   b) 5.625 *seconds*

c) 6 *seconds*   d) 6.5 *seconds*

38) A train travels with 92.4 km/hr. How many meters will it travel in 10 minutes?
a) 15400   b) 1540
c) 154   d) 15.40

39) A train covers a distance in 50 minutes if it runs at a speed of 48 km per hour on an average. The speed at which the train must run to reduce the time of journey to 40 minutes will be
a) 50 *km/hr*   b) 55 *km/hr*
c) 60 *km/hr*   d) 70 *km/hr*

40) The ratio between the speeds of two trains is 7:8. If the second train runs 400 km distance in 4 hours, then the speed of the first train is:
a) 70 *km/hr*   b) 75 *km/hr*
c) 84 *km/hr*   d) 87.5 *km/hr*

41) A train 280 m long is moving at a speed of 60 km/hr. The time taken by the train to cross a platform 220m. long in
a) 20 *sec*   b) 25 *sec*
c) 30 *sec*   d) 35 *sec*

42) A train 700 m. long is running at the speed o f72km/hour. If it crosses a tunnel in 1 minute, then the length of the tunnel (in meters) is
a) 700   b) 600
c) 550   d) 500

43) Two trains are running in opposite directions with the same speed. If the length of each train is 135 meters and they cross each other in 18 seconds, the speed of each train is
a) 104 *km/hr*   b) 27 *km/hr*
c) 54*km/hr*   d) *None of these*

44) Two trains are moving in the opposite direction at 24 km and 12 km per hour. The faster train crosses a man in the slower train in 2 seconds. Find the length of the faster train.
a) 25 *m*   b) 30 *m*
c) 20 *m*   d) *D.I.*

45) A train crosses a pole in 15 seconds and crosses a 100 meters platform in 30 seconds find the length of the train (in meters).
  a) 200   b) 100
  c) 50   d) $D.I.$

46) Train 'A' leaves Patna for Delhi at 11 am, running at the speed of 60 km/hr. Train 'B' leaves Patna for Delhi by the same route at 2 pm on the same day, running at the speed of 72km/hr. At what time will the two trains meet each other?
  a) $2\ am\ on\ the\ next\ day.$
  b) $5\ am\ on\ the\ next\ day.$
  c) $5\ pm\ on\ the\ next\ day.$
  d) $None\ of\ these.$

47) When the speed of a train is increased by 20%, it takes 20 minutes less to cover the same distance. What is the time taken to cover the same distance with the actual speed?
  a) $2\ hr.$ b) $1\ hr.$
  c) $1.5\ hr$ d) $2.5\ hr$

48) Two trains whose respective lengths are 200 m and 250 m cross each other in 18 sec. When they are travelling in opposite direction and take 1 minute, when they are travelling in the same direction. What is the speed of the faster train (in km/hr)?
  a) 38.5   b) 48.5
  c) 58.5   d) 54

49) Two trains are running in the opposite direction with the same speed. If the length of each train is 120 m and they cross each other in 12 sec, then the speed of each train (in km/hr) is.
  a) 25   b) 30
  c) 36   d) 52

50) A train overtakes two persons walking along a railway track. The first one walks at 4.5 km/hr. The other one walks at 5.4 km/hr. The train needs 8.4 and 8.5 sec, respectively, to overtake them. What is the speed of the train if both the persons are walking in the same directions?
  a) $61\ km/hr$ b) $71\ km/hr$
  c) $76\ km/hr$ d) $81\ km/hr$

51) A train leaves one stations at 6.45pm. and reaches another station 150 km away at 10.30pm. The speed of the train is.
  a) $30\ km/hr$ b) $40\ km/hr$
  c) $35\ km/hr$ d) $55\ km/hr$

52) A train passes two bridges of length 800m and 400 m in 100 sec. and 60 sec respectively. The length of the train is.
  a) $100\ m$ b) $150\ m$
  c) $200\ m$ d) $190\ m$

53) Two trains of length 512 m each are running towards each other on parallel lines at 84 km/hr and 60km/hr respectively. In what time will they be clear of each other from the moment they meet?
  a) $26\ seconds$ b) $28\ seconds$
  c) $32\ seconds$ d) $18\ seconds$

54) Two trains are running at the rate of 36 and 30 km/hr respectively in the same direction. If the length of second train in 130m and the time taken by them to cross each other in 150 sec. Find the length to the train.
  a) $250m$ b) $130m$
  c) $120\ m$ d) $100m$

55) Two 300 m and 375m in the length runs at the speed of 54km/hr and X km/hr, respectively, in the opposite direction on parallel tracks. If the time taken by them to cross each other in 36 sec. Find the value of X-
  a) 13.5   b) 25
  c) 35   d) 20

56) Two trains leave Mumbai for Delhi at 8am. And 9.30am. respectively and travel at 90 km/hr and 180 km/hr respectively. How many kilometers from Mumbai will the both trains meet?
  a) $135km$ b) $270\ km$
  c) $320\ km$ d) $360\ km$

57) From station M and N, two trains start moving towards each other at speed 125 km/hr and 75km/hr respectively. When the two trains meet each other, it is found that one train covers 50 km

more than another train. Find the distance between M and N.

    a) 150 km b) 200 km

    c) 225 km d) 250 km

58) Two trains each 200 m long moving in opposite directions cross each other in 16 sec. If one is moving twice as fast as the other, find the faster train in km/hr.

    a) 50   b) 60

    c) 65   d) 70

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

    a) 65 $seconds$ b)89 $seconds$

    c) 100 $seconds$ d)150 $seconds$

60) A 300 m long train crosses a platform in 39 seconds while it crosses a single pole in 18 seconds. What is the length of the platform?

    a) 320 m b) 650 m

    c) 350 m d) $data\ inadequate$

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LEVEL- 2

1) Two trains running in opposite directions crosses a man standing on the platform in 27 second and 17 second respectively and they cross each other in 23 seconds. The ratio of their speeds is ($S_2 : S_1$)

    a) $1 : 3$ b) $2 : 3$

    c) $4 : 3$ d) $5 : 6$

2) A 270m long train running at the speed of 120 km/hr crosses another train running in opposite direction at the speed of 80 km/hr in 9 seconds. What is the length of the other train?

    a) 240 m b) 320 m

    c) 260 m d) 260 m

3) How many seconds will a 500 m 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 in 63 km/hr?

    a) 20 $seconds$ b) 30 $seconds$

    c) 40 $seconds$ d) 45 $seconds$

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

    a) 12 $seconds$ b) 24 $seconds$

    c) 48 $seconds$ d) 60 $seconds$

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

    a) 5 $seconds$ b) 6 $seconds$

    c) 7 $seconds$ d) 10 $seconds$

6) Two trains are moving in opposite direction at the rate of 60 km/hr and 90km/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 how many seconds

    a) 36   b) 45

    c) 48   d) 49

7) A train when moves at an average speed of 40 kmph, reaches its destination on time. When its average speed becomes 35 kmph, then it reaches its destination 15 minutes late. Find the length of journey?

    a) 30 km b) 40 km

    c) 70 km d) 80 km

8) Two trains 140m and 160m long run at the speed of 602km/hour and 40 km/hour respectively in opposite direction on parallel tracks. The time (in seconds) in which they take to cross each other in

    a) 9 $seconds$ b) 9.6 $seconds$

    c) 10 $seconds$ d) 10.8 $seconds$

9) Two trains A and B start running together from the same point in the same direction, at the speed of 60 kmph and 72 kmph respectively. If the length of

both the trains is 240 meters, how long will it take for train B to cross train A?

    a) 2 min 12 *sec*   b) 1 min 24 *sec*
    c) 1 min 12 *sec*   d) 2 min 24 *sec*

10) A train running at the speed of 20m/second crosses a pole in 24 seconds less than the time it requires to cross a platform thrice its length at the same speed. What is the length of the train?

    a) 270 *meters*   b) 160 *meters*
    c) 180 *meters*   d) *Can'tbe determined*

11) A 180 meter long train is running at a speed of 90 km/hr. How many seconds will it take to cross a 200m long train running in the opposite direction at a speed of 60 km/hr?

    a) 7 *seconds*   b) 60 *seconds*
    c) 12 *seconds*   d) *Not*

12) A man sitting in a train travelling at the rate of 50km/hr observes that it takes 9sec. for a goods train travelling in the opposite direction to pass him. If the goods train is 187.5m long, find its speed.

    a) 40 *km/hr*   b) 25 *km/hr*
    c) 35 *km/hr*   d) 36 *km/hr*

13) Bombay Express left Delhi for Bombay at 14.30 hrs, travelling at a speed of 60 kmph and Rajdhani Express left Delhi for Bombay on the same day at 16.30 hrs, travelling at a speed of 80 km/hr. How far away from Delhi will the two trains meet?

    a) 120 *km*   b) 360 *km*
    c) 480 *km*   d) 500 *km*

14) A train 300 meters long running at a speed of 18 km/hr. How many seconds will it take to cross a 200 m long train running in the opposite direction at a speed of 12 km/hr?

    a) 60 *seconds*   b) $7\frac{1}{5}$ *seconds*
    c) 12 *seconds*   d) 20 *seconds*

15) A train running at 35 km per hour takes 18 seconds to pass a platform. Next, it takes 12 seconds to pass a man walking at the rate of 5 km/hr in the same direction. Find the length of the train and that of the platform.

    a) 50*m* ,75*m*   b) 100 *m*, 75 *m*
    c) 75 *m*, 25*m*   d) 60 *m*, 15 *m*

16) Two trains of the same length but with different speeds pass a static pole in 4 seconds and 5 seconds respectively. In what time will they cross each other when they are moving in the same direction?

    a) 20 *seconds*   b) 40 *seconds*
    c) 25 *seconds*   d) 30 *seconds*

17) Two trains of the same length but with different speeds pass a static pole in 5 seconds and 6 seconds respectively. In what time will they cross each other when they are moving in the same direction.

    a) 1 *minute*   b) 50 *seconds*
    c) 40 *seconds*   d) 60 *min*

18) Two trains are moving in the opposite directions on parallel tracks at the speeds of 64 km/hr and 96 km/hr respectively. The first train passes a telegraph post in 5 seconds whereas the second train passes the post in 6 seconds. Find the time taken by the trains to cross each other completely.

    a) $\frac{18}{5}$ *seconds*   b) $\frac{28}{5}$ *seconds*
    c) 6 *seconds*   d) 5 *seconds*

19) Two trains are running at 40 km/hour and 20 km/hour respectively in the same direction. Faster train completely passes a man sitting in the slower in the slower train in 5 seconds. What is the length of the faster train?

    a) 23 *m*   b) $23\frac{2}{9}m$
    c) 27 *m*   d) $27\frac{7}{9}m$

20) A jogger running at 9kmph along side a railway track is 240m ahead of the engine of a 120m long train running at 45 kmph in the same direction. In how much time will the train pass the jogger?

    a) 3.6 *seconds*   b) 18 *seconds*
    c) 36 *seconds*   d) 72 *seconds*

21) Two trains of equal length are running on parallel lines in the same direction at 46km/hour and 36km/hour. 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 km

22) Two trains of equal length take 10 seconds and 15 seconds respectively to cross a telegraph post. If the length of each train be 120m, in what time (in seconds) will they cross each other traveling in opposite direction?
 a) 8.5
 b) 9
 c) 10
 d) 12

23) A train 108 m long moving at a speed of 50 km/hr crosses a train 112 m long coming from the opposite direction in 6 sec. The speed of the second train is
 a) 48 km/hr
 b) 54 km/hr
 c) 66 km/hr
 d) 82 km/hr

24) A train running with 90 km/hr crosses a bridge in 36 seconds. Second train which is 100 meters shorter than 1st train crosses the same bridge at 45 km/hr. What is the time taken by the second train to cross the bridge?
 a) 61 $seconds$
 b) 63 $seconds$
 c) 62 $seconds$
 d) 64 $seconds$

25) Two trains 70 m and 80 m long respectively, run at the rates of 68 and 40 km and hour respectively on parallel tracks in opposite directions. How long do they take to pass each other?
 a) 5 $seconds$
 b) 10 $seconds$
 c) 12 $seconds$
 d) 6 $seconds$

26) A train 110 meters long travels at 60 km/hr. How long does it take to cross another train 170 meters long, running at 54 km/hr in the same direction?
 a) 2 $min\ 40\ sec$
 b) 2 min 48 sec
 c) 3 min 48 sec
 d) 3 min 40 sec

27) Two trains travel in the same direction at 56 km and 29 km an hour and the faster train passes a man sitting in the slower train in 16 seconds. Find the length of the faster train.
 a) 100m
 b) 120 m
 c) 124 m
 d) $Data\ inadequate$

28) A train running at 24 km/hr takes 30 seconds to pass a platform. Next, it takes 10 seconds to pass a man walking at 12 km/hr in the opposite direction. Find the length of the train.
 a) 50 m
 b) 100 m
 c) 75 m
 d) 120 m

29) A train running at 25 km/hr takes 18 seconds to pass a platform. Next it takes 10 seconds to pass a man walking at the rate of 7 km/hr in the same direction. Find the length of the platform and the length of the train.
 a) 25 $m, 50\ m$
 b) 45 $m, 85\ m$
 c) 75 $m, 50\ m$
 d) 50 $m, 80\ m$

30) Two trains start at the same time from Patna and Gaya and proceed towards each other at the rate of 60 km and 40 km per hour respectively. When they meet, it is found that one train has travelled 20 km more than the other. Find the distance between Gaya and Patna.
 a) 100 km
 b) 80 km
 c) 120 km
 d) 90 km

31) Two stations A and B 110 km apart on a straight line. One train starts from A at 7 AM and travels towards B at 20 km/hr speed. Another train starts from B at 8 AM and travels towards A at 25 km/hr speed. At what time will they meet?
 a) 9 AM
 b) 10 AM
 c) 11 AM
 d) 11.5 AM

32) Two trains of the same length but with different speeds pass a static pole in 5 seconds and 6 seconds respectively. In what time will they cross each other when they are moving in the opposite direction?
 a) 1 hr
 b) $5\frac{5}{11}$ sec
 c) 1min
 d) 60 sec

33) Two trains of the same length but with different speeds pass a static pole in 6 seconds and 9 seconds respectively. In what time will they cross each other when they are moving in the same direction?
 a) 36 $seconds$
 b) 30 $seconds$
 c) 63 $seconds$
 d) 42 $seconds$

34) Two trains of the same length but with different speeds pass a static pole in 4 seconds and 8 seconds respectively. In what time will they cross each other when they are moving in the opposite direction?
    a) 90 *seconds*   b) 5 *seconds*
    c) 6 *seconds*   d) 5.33 *seconds*

35) Two trains of the length 100m and 150 m respectively with different speeds pass a static pole in 1 min and 3 min respectively. In what time will they cross each other when they are moving in the opposite direction?
    a) 90 *seconds*   b) 100 *seconds*
    c) 120 *seconds*   d) 50 *seconds*

36) Two trains running at the speeds of 45 and 36 km an hour respectively, on parallel tracks in opposite direction, are observed to pass each other in 8 seconds and when they are running in the same direction at the same rate as before, a parson sitting in the faster train observes that he passes the other in 30 seconds. Find the length of the trains.
    a) 105 *m* , 75 *m*   b) 50 *m*, 25*m*
    c) 120 *m*, 90 *m*   d) 100 *m*, 75 *m*

37) A train 75 meters long overtook a man who was walking at the rate of 6km/hr and passed him in 18 seconds. Again the train overtook a second person in 15 seconds. At what rate was the second person travelling?
    a) 3*km/ hr*   b) 5 *km/hr*
    c) 8 *km/hr*   d) 9 *km/hr*

38) A train passes two men walking in the direction opposite to the train at 7 m/sec and at 12 m/sec in 5 and 4 seconds respectively. Find the length of the train.
    a) 100 *m*   b) 120 *m*
    c) 75 *m*   d) 125 *m*

39) A train crosses 420 meters and 244 meters long bridge in 50 seconds and 34 seconds respectively. Find the length and speed of the train.
    a) 130 *m*, 44*m/sec*   b) 130 *m*, 22*m/sec*
    c) 130 *m*, 11 *m/sec* d) 65 *m*, 11 *m/sec*

40) A train crosses a platform in 60 seconds at a speed of 45 km/hour. How much time will it take to cross an electric pole if the length of the platform is 100 meters?
    a) 8 *seconds*   b) 1 *minutes*
    c) 52 *seconds*   d) *None of these*

41) A train 300 meters long is running at a speed of 18km/hour. How many seconds will it take to cross a 200m. long train running in the opposite direction at a speed of 12 km/hr.
    a) 60   b) 71/5
    c) 12   d) 20

42) A train running at 36km/hr takes 12 seconds to pass a platform. Next it takes 6 second to pass a man running at the rate of 9 km/hr in the opposite direction. Find the length of the train and length of the platform.
    a) 75*m*, 45*m*   b) 70*m*, 50*m*
    c) 65*m*, 35*m*   d) *Data inadequate*

43) A train passes by a stationary man standing on the platform in 7 second and passes by the platform completely in 28 seconds. If the length of the platform in 330 meters, what is the length of the train?
    a) 110 *m*   b) 130 *m*
    c) 120 *m*   d) *None of these*

44) A train crosses 420 m and 244 m long bridge in 50 sec and 34 sec. Find the length of train?
    a) 150 *m*   b) 120 *m*
    c) 130 *m*   d) *None of these*

45) Two train crosses two pole respectively in 8 sec and 10 sec. If length of both train is equal then find time taken to cross another train in same direction?
    a) 60 *sec*   b) 80 *sec*
    c) 40 *sec*   d) 90 *sec*

46) Two train of equal length crosses each other going in same direction in 1 min and going in opposite direction in 10 sec. Length of train is 210 m. Find their speed?
    a) 24.5*m/s* , 17.5*m/s* b) 18.5*m/s* ,23.5 *m/s*
    c) 22.5 *m/s* ,18.5*m/s* d) *None of these*

47) A train with length 300 m crosses a man sitting in another train of length 200 m coming from opposite direction in 3 sec. If the speed of another train in 90 km/hr, then train going in same direction will cross in how many sec?

a) 12 *seconds* b) 15 *seconds*
c) 10 *seconds* d) 18 *seconds*

48) Two trains starting at the same time from two stations which are 300 km apart and going in opposite direction, cross each other at a distance of 160 km from one another. The ratio of time to cover 500 km distance by each train?

a) 8 : 7 b) 7 : 8
c) 8 : 9 d) 16 : 20

49) A train without stoppages travels at the rate of 50 km/hr. and with stoppages travels at 45 km/hr. How many minutes the train stops on an average per hour?

a) 6 *min* b) 8 *min*
c) 12 *min* d) 7 *min*

50) A train running between two stations A and B arrives its destination 10 min late when its speed is 50 km/h and 50min late when its speed is 30km/hr. Distance between A and B.

a) 35 *km* b) 50 *km*
c) 55 *km* d) 60 *km*