

# Apptitude Practice Test

Total points 26/30

30 Questions 1 hr

All The Best !!!

Student's Name \*

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Center \*

☐ juhu

☒ kharghar

✓ 1) A running man crosses a bridge of length 500 meters in 4 minutes. At what speed he is running? \*1/1

☐ 8.5 km/hr

☒ 7.5 km/hr ✓

☐ 9.5 km/hr

☐ 6.5 km/hr

✓ 2) A car running at a speed of 140 km/hr reached its destination in 2 hours. If the car wants to reach at its destination in 1 hour, at what speed it needs to travel? \*1/1

☐ 300 km/hr

☒ 280 km/hr ✓

☐ 250 km/hr

☐ 240 km/hr

✓ 3) A jogger is running at a speed of 15 km/hr. In what time he will cross a track of length 400 meters? \*1/1

☒ 96 sec ✓

☐ 100 sec

☐ 104 sec

☐ 110 sec

✓ 4) A horse covers a distance of 1500 meters in 1 minute 20 seconds. At what speed the horse is running? \*1/1

☐ 67.2 km/hr

☐ 67.7 km/hr

☒ 67.5 km/hr ✓

☐ 67.9 km/hr

✓ 5) A cyclist moving at a speed of 20 km/hr crosses a bridge in 2 minutes. What is the length of the bridge? \*1/1

☐ 555.5 m

☐ 444.4 m

☐ 777.7 m

☒ 666.6 m ✓

✓ 6) Two boys start running at the same time in the same direction at a speed of 10 km/hr and 12 km/hr respectively. In what time they will be 8 km apart? \*1/1

☐ 3 hours

☒ 4 hours ✓

☐ 5 hours

☐ 6 hours

✓ 7) A man walking at a speed of 8 km/hr covers a certain distance in 1 hour 45 minutes. If he runs at a speed of 10 km/hr, in what time he will cover the same distance? \*1/1

☐ 74 minutes

☐ 70 minutes

☐ 80 minutes

☒ 84 minutes ✓

✓ 8) A horse covers a certain distance in 40 minutes if it runs at a speed of 60 km/hr. At what speed the horse can cover the same distance in 30 minutes? \*1/1

☒ 80 km/hr ✓

☐ 82 km/hr

☐ 84 km/hr

☐ 86 km/hr

✓ 9) A car moving at a speed of 75 km/hr covers certain distance in 2 hours. If its speed is reduced by 15 km/hr, in what time it will cover the same distance? \*1/1

☐ 135 minutes

☐ 140 minutes

☒ 150 minutes ✓

☐ 155 minutes

✓ 10) At his usual speed a cyclist covers a certain distance in 8 hours. When the speed of cycle is increased by 4 km/hr the same distance can be covered in 6 hours. Find the distance. \*1/1

☐ 92 km

☐ 94 km

☒ 96 km ✓

☐ 98 km

✓ 11) Including stoppages the speed of a bus is 60 km/hr and excluding stoppages its speed is 65 km/hr. For how long the bus stops in an hour? \*1/1

☐ 6 minutes

☐ 7 minutes

☐ 3 minutes

☒ 4 minutes ✓

✓ 12) Two buses 200 km apart, start moving from the bus stations at the same time towards each other on parallel roads. If they cross each other at a distance of 120 km from one of the bus stations, find the ratio of their speeds. \*1/1

☐  $\frac{4}{5}$

☐  $\frac{5}{7}$

☒  $\frac{5}{2}$  ✓

☐  $\frac{5}{3}$

✗ 13) A man completes a journey in 5 hours. He completes the first half of the journey at a speed of 20 km/hr and the second half at a speed of 25 km/hr. What is the total journey in km? \*0/1

☐ 6.4 km

☐ 5.4 km

☒ 4.4 km ✗

☐ 3.4 km

Correct answer

☒ 5.4 km

✓ 14) If a man runs at 24 km/hr instead of 20 km/hr he could run 40 km more. Find the actual distance travelled by him. \*1/1

☐ 100 km

☐ 150 km

☒ 200 km ✓

☐ 250 km

✓ 15) A bus travels 50% faster than a car. Both start moving at the same time from station P and reach station Q at the same time. The stations are 100 km apart. If on the way the bus stops at the bus stop for 10 minutes, find the speed of the car. \*1/1

☐ 415 km/hr

☐ 410 km/hr

☐ 315 km/hr

☒ 300 km/hr ✓

✓ 16) The ratio between the speeds of a bus and car is 8:6. If the car travels 200 km in 2 hours, find the speed of the bus. \*1/1

☐ 131.3 km/hr

☒ 133.3 km/hr ✓

☐ 135.3 km/hr

☐ 137.3 km/hr

✓ 17) A man travels first 150 km of his journey at 80 km/hr. Due to bad weather he travels the next 150 km of his journey at 60 km/hr. What is his average speed for the first 300 km of his journey? \*1/1

☐ 60.6 km/hr

☐ 63.6 km/hr

☐ 66.6 km/hr

☒ 68.6 km/hr ✓

✓ 18) A car moving with  $\frac{2}{3}$  of its actual speed covers 50 km in 1 hour 40 min. What is the actual speed of the car? \*1/1

☐ 65 km/hr

☐ 70 km/hr

☒ 45 km/hr ✓

☐ 80 km/hr

✓ 19) The circumference of a jogging track is 735 m. Peter and Tom start walking from the same point at the same time in opposite direction. If they are walking at 6 km/hr and 8 km/hr respectively, after how much time they will meet? \*1/1

☐ 3 minutes

☐ 3.12 minutes

☒ 3.15 minutes ✓

☐ 4 minutes

✓ 20) A man can swim at 10 km/hr in still water. It takes him twice as much time to reach the destination when he swims up the river as it takes when he swims down the river. At what speed the river is flowing? \*1/1

☒  $\frac{10}{3}$  km/hr ✓

☐  $\frac{4}{3}$  km/hr

☐  $\frac{10}{3}$  km/hr

☐  $\frac{10}{3}$  km/hr

✓ 21) A man covers a distance of 110 km between two cities in 10 hours. He travelled partly on foot at 9 km/hr and partly on a bicycle at 15 km/hr. Find the distance travelled on foot. \*1/1

☒ 60 km ✓

☐ 92 km

☐ 94 km

☐ 96 km

✗ 22) A farmer travelled from his village to city to buy seeds. He went by bicycle at a speed of 20 km/hr and came back at a speed of 5 km/hr. If the farmer took 5 hours and 40 minutes to complete his journey, find the distance between village and city? \*0/1

☐ 15 km

☐ 19 km

☒ 23 km ✗

☐ 25 km

Correct answer

☒ 19 km

✓ 23) A man goes to his office at  $\frac{2}{3}$  of the speed at which he returns from the office. If his average speed is during the whole journey is 24 km/hr, at what speed the man goes to office? \*1/1

☒ 20 km/hr ✓

☐ 21 km/hr

☐ 22 km/hr

☐ 23 km/hr

✓ 24) The ratio between the speeds of two cars is 5:8. If the first car covers 200 km in 2 hours, find the speed of the second car. \*1/1

☐ 140 km/hr

☐ 150 km/hr

☒ 160 km/hr ✓

☐ 170 km/hr

✗ 25) A man covers first 48 km of his journey in 40 minutes and next 32 km in 30 minutes. Find his average speed. \*0/1

☐ 64 km/hr

☒ 67 km/hr ✗

☐ 70 km/hr

☐ 74 km/hr

Correct answer

☒ 64 km/hr

✓ 26) If a car runs at 45km/hr, it reaches its destination late by 10 min but if it runs at 60km/hr it is late by 4min. What is the correct time for the journey? \*1/1

☐ A. 24min

☒ B. 14min ✓

☐ C. 32 min

☐ D. 46 min

✗ 27. A truck running from a city at a speed of 40 km/hr and the speed of the truck was increased by 2 km/hr at the end of every hour. Find the total distance covered by the truck in the first 5 hours of the journey. \*0/1

☐ A. 180 km

☐ B. 120 km

☒ C. 220 km ✗

☐ D. 90 km

☐ E. 105 km

Correct answer

☒ B. 120 km

✓ 28. Two persons start running simultaneously around a rectangular track of length 700 m from the same point at speeds of 45 km/hr and 25 km/hr. When will they meet for the first time any where on the track if they are moving in opposite directions? \*1/1

☐ A. 50 sec.

☐ B. 42 sec.

☐ C. 25 sec.

☒ D. 36 sec. ✓

☐ E. 40 sec.

✓ 29. Two places A and B are at a distance of 480Km. Sita started from A towards B at a speed of 40Kmph. After 2 hours Gita started from B towards A at a speed of 60 Kmph. They meet at a Place C then what is the difference between the time taken by them to reach their destinations from Place C? \*1/1

☐ A. 1 hour

☒ B. 2 hours ✓

☐ C. 3 hours

☐ D. 4 hours

☐ E. Cannot be determined

✓ 30. The distance between two places A and B is 370 km. the 1st car departs from place A to B, at a speed of 80 kmph at 10 am and 2nd car departs from place B to A at a speed of 50 kmph at 1 pm. At what time both cars meet each other? \*1/1

☐ A. 2 : 30 pm

☒ B. 2 :00 pm ✓

☐ C. 2 : 10 pm

☐ D. 2 : 20 pm

☐ E. None of these