

# 108 DAYS ONLINE COACHING TEST FOR MISSION 2021-(DAY 103)- [20/05/2021~THURSDAY]

TIME & DISTANCE/SPEED

Email \*

m3@gmail.com



NAME OF THE CANDIDATE (PLEASE ENTER YOUR FULL NAME) \*

M3

PLACE OF THE CANDIDATE \*

KANNUR

PLEASE ENTER YOUR WHAT'S APP NO( JOINED IN THE SAI EDN OCT PLATFORM) \*

000

---

PLEASE WATCH THE ONLINE CLASSES CAREFULLY AND NOTE DOWN IT IN YOUR DIARY BEFORE SENDING THE ANSWERS

<https://youtu.be/Ro8456-ADbE>

<https://youtu.be/5GrXzQsDRc0>

<https://youtu.be/l3EjABJiDos>

Q.1. A person crosses a 600 m long street in 5 minutes. What is his speed in km per hour? \* 1 point

- 3.6
- 7.2
- 8.4
- 10

Q.2. An aeroplane covers a certain distance at a speed of 240 kmph in 5 hours. To cover the same distance in 1 hours, it must travel at a speed of: \* 1 point

- 300 kmph
- 360 kmph
- 600 kmph
- 720 kmph

Q.3. The ratio between the speeds of two trains is 7 : 8. If the second train runs 400 km in 4 hours, then the speed of the first train is: \* 1 point

- 70 km/hr
- 75 km/hr
- 84 km/hr
- 87.5 km/hr

Q.4. If a person travels at a speed of 40 miles per hour. At the same rate, how long will he take to cover 160 miles distance ? \* 1 point

- 4 hours
- 2 hours
- 6 hours
- 9 hours

Q.5. A person covers 108 km/s in 3 hours. What is his speed in meter per second ? \* 1 point

- 15
- 12
- 10
- 20

Q.6. A person travels at the rate of 60 miles per hour and covers 300 miles in 5 hours. 1 point  
If he reduces his speed by 10 miles per hour, how long will he take to cover the same distance ? \*

- 6 hours
- 5 hours
- 9 hours
- 2 hours

Q.7. A train travelling at 60 km/hr crosses a man in 6 seconds. What is the length of the train? \* 1 point

- 300 metres
- 100 metres
- 150 metres
- 700 metres

Q.8. How long will a 150 m long train running at a speed of 60 kmph take to cross a bridge of 300 m? \* 1 point

- 27 seconds
- 36 seconds
- 21 seconds
- 42 seconds

Q.9. A man goes from A to B at a speed of 20 kmph and comes back to A at a speed of 30 kmph. Find his average speed for the entire journey? \* 1 point

- 36 kmph
- 48 kmph
- 18 kmph
- 24 kmph

Q.10. Convert the  $13/36$  m/s into kilometers per hour? \* 1 point

- 1.3 kmph
- 1.2 kmph
- 1.4 kmph
- 1.5 kmph

Q.11. \* 1 point

**Two trains are running at 40 km/hr and 20 km/hr respectively in the same direction. Fast train completely passes a man sitting in the slower train in 5 seconds. What is the length of the fast train?**

- $27 \frac{7}{9}$  m
- $30 \frac{2}{7}$  m
- $12 \frac{3}{9}$  m
- $22 \frac{7}{9}$  m

Q.12. What distance will be covered by a bus moving at 72 kmph in 30 seconds? \*

1 point

- 750 m
- 600 m
- 450 m
- 500 m

Q.13. A train having a length of 240 m passes a post in 24 seconds. How long will it take to pass a platform having a length of 650 m? \*

1 point

- 89 s
- 78 s
- 99 s
- 48 s

Q.14. It takes a 360 m long train 12 seconds to pass a pole. How long will it take to pass a platform 900 m long? \*

1 point

- 39 seconds
- 47 seconds
- 32 seconds
- 42 seconds

Q.15. A train travelling at 60 kmph crosses another train travelling in the same direction at 50 kmph in 30 seconds. What is the combined length of both the trains? \*

1 point

- 250/3 metres
- 240/3 metres
- 230/3 metres
- 270/3 metres

Q.16. Train A, 600 mts long is running at 80 kmph will take how much time to cross a man sitting in another train which is 400 mtres long, running at 64 kmph in the opposite direction? \*

1 point

- 18 seconds
- 16 seconds
- 15 seconds
- 12 seconds

Q.17. Two trains start at the same time from Pune and Delhi and proceed towards each other at 80 kmph and 95 kmph respectively. When they meet, it is found that one train has travelled 180 km more than the other. Find the distance between Delhi and Pune. \*

1 point

- 2100 km
- 2500 km
- 3100 km
- 2800 km

Q.18. The average speed of a train without stoppages is 48 kmph and average speed with stoppages is 40 kmph. How many minutes in an hour the train stops on an average? \*

1 point

- 12 minutes
- 10 minutes
- 14 minutes
- 15 minutes

Q.19. By travelling at 40 kmph, a person reaches his destination on time. He covered two-third the total distance in one-third of the total time. What speed should he maintain for the remaining distance to reach his destination on time? \*

1 point

- 20 kmph
- 25 kmph
- 21 kmph
- 29 kmph

Q.20. A train of length 80 m. If the speed of the train is 120km/hr, then the time taken to cross a 150 m long wall is: \*

1 point

- 7 seconds
- 6 seconds
- 5 seconds
- 4 seconds



**YOUR ANSWERS ARE SUBMITTED SUCCESSFULLY. PLEASE CHECK YOUR MAIL TO VIEW YOUR RESPONSE SHEET. THANK YOU!!!**

This content is neither created nor endorsed by Google.

Google Forms