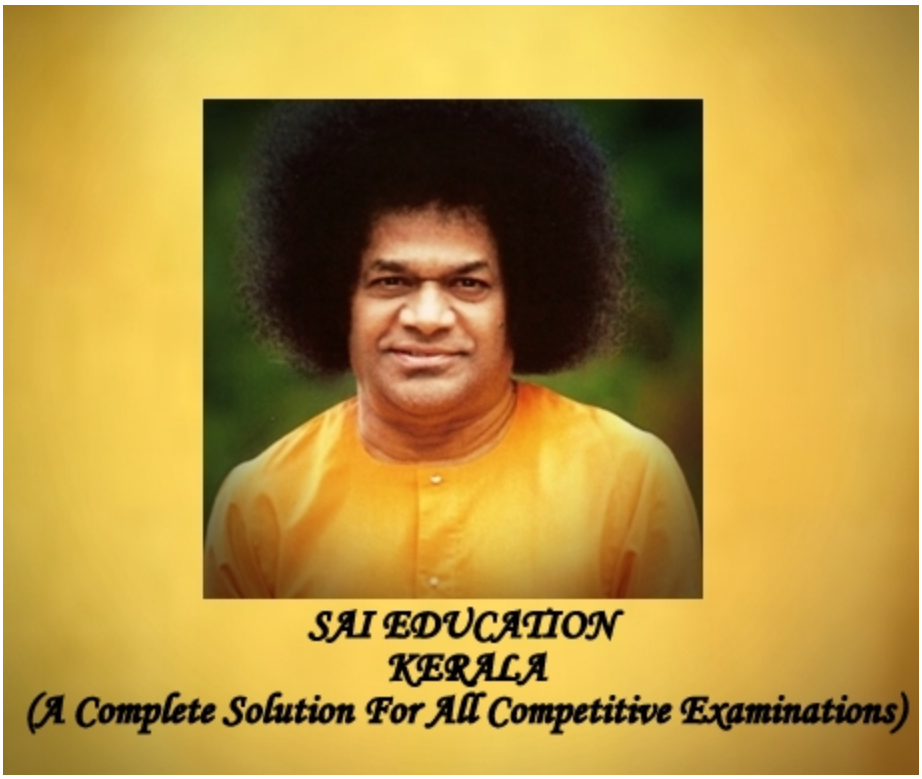
ONLINE COACHING DAY - 19 (29.03.2019)



NAME OF THE CANDIDATE *

M4

Please watch the Online Video and answer the following questions...

https://youtu.be/8EYcdFyAqfU

1. A man can row a boat 12 kmph with the stream and 8 kmph against the stream. Find his speed in still water? 1 point

- ○ 20 kmph
- ○ 6 kmph
- ◉ 10 kmph
- ○ 4 kmph

2. If a man can row a boat at 18 kmph in still water and he can row twice speed in downstream than upstream. Then what will be the speed of the stream? 1 point

- ◉ 6 kmph
- ○ 8 kmph
- ○ 2 kmph
- ○ 6.5 kmph

3. If a man can row a boat at 20 kmph in still water and he can row thrice speed in downstream than upstream. Then what will be the speed of the stream? 1 point

- ◉ 10 kmph
- ○ 40 kmph
- ○ 25 kmph
- ○ 6.6 kmph

4.A man can row a boat to a certain distance upstream in 4 hours and take 3 hours to row downstream the same distance.What is the speed of the boat in still water if the speed of the stream is 2 kmph? 1 point

- 6 kmph
- 3.5 kmph
- 14 kmph
- 10 kmph

5. A man can row a boat at 6 kmph in still water and speed of the current is 2 kmph.If he takes 45 minutes to row the boat to a place and back.Find the distance between the two places? 1 point

- 2 km
- 4 km
- 10 km
- 20 km

6. Speed of a boat in still water is 7 kmph and speed of the current is 5 kmph. Then, what is the speed of boat in downstream? 1 point

- 2 kmph
- 12kmph
- 6kmph
- 17kmph

7. Upstream speed of a person is 15kmph and his downstream speed is 25kmph. What is his speed in still water? 1 point

- 40kmph
- 10kmph
- 20kmph
- 5kmph

8. Speed of a boat in downstream is 20kmph and speed in upstream is 12kmph. What is the speed of current? 1 point

- 4kmph
- 16kmph
- 8kmph
- 32kmph

9. Downstream speed of a boat is 25kmph. Speed of the current is 2kmph. What is the speed of boat in upstream? 1 point

- 23kmph
- 27kmph
- 21kmph
- 29kmph

10. A man covers 60km in 6 hrs in downstream and covers 40km in 8 hrs in upstream. Find the speed of the current? 1 point

- 1.2kmph
- (•) 2.5kmph
- 2.8kmph
- 2kmph

11. Rajesh can row 18kmph in still water. It takes him twice as long to row up as to row down the river. Find the speed of the stream? 1 point

- 2 kmph
- 5 kmph
- 8 kmph
- (•) 6 kmph

12. A man's speed in downstream is 3 times his speed in upstream. If his speed in still water is 18 kmph, find the speed of the current? 1 point

- 6 kmph
- (•) 9 kmph
- 15 kmph
- 18kmph

13. A boat travels downstream covers a certain distance in 6hrs and it covers that distance in upstream in 9hrs. If the speed of the current is 4 kmph, fi d the speed of the boat in still water? 1 point

- 25 kmph
- 18 kmph
- 20 kmph
- 22 kmph

14. Speed of a boat in still water is 5 kmph and speed of the current is 4 kmph. What is the speed of the boat in downstream? 1 point

- 7 kmph
- 9 kmph
- 8 kmph
- 6 kmph

15. Upstream speed of a boat is 12 kmph and it's downstream speed is 10 kmph. What is the speed of the boat in still water? 1 point

- 11 kmph
- 20 kmph
- 10 kmph
- 15 kmph

16. Speed of a boat in downstream is 30 kmph and speed in upstream is 12 kmph. What is the speed of the current? 1 point

- 8 kmph
- 9 kmph
- 10 kmph
- 12 kmph

17. A man's speed with current is 15 kmph and the speed of the current is 2.5 kmph. What is the man's speed against the current? 1 point

- 10.5 kmph
- 12.5 kmph
- 13.5 kmph
- 10 kmph

18. If Anil rows 15 km upstream and 21 km downstream taking 3 hrs each time. What is the speed of the stream? 1 point

- 3 kmph
- 4 kmph
- 1 kmph
- 5 kmph

19. A man's speed in downstream is twice his speed in downstream. Find the speed of the current if his speed in still water is 12 kmph? 1 point

- [x] 4 kmph
- [ ] 6 kmph
- [ ] 7 kmph
- [ ] 3 kmph

20. A boat travels downstream covers a certain distance in 6hrs and it covers that distance in upstream in 9hrs. If the speed of the current is 4 kmph, find the speed of the boat in still water? 1 point

- [ ] 7.5 kmph
- [ ] 3 kmph
- [ ] 15 kmph
- [x] 20 kmph

21. A man's speed in downstream is 3 times his speed in upstream. If his speed in still water is 10 kmph, find the speed of the current? 1 point

- [ ] 6 kmph
- [x] 5 kmph
- [ ] 4 kmph
- [ ] 3 kmph

22. The speed of a boat along the stream is 12 kmph and against the stream is 8 kmph. The time taken by the boat to sail 24km in still water is 1 point

- 2 hrs
- 3 hrs
- 2.4 hrs
- 1.2 hrs

23. A man can swims in the still water at a speed of 5 kmph and speed of the current is 2 kmph. What will be the time taken by him to swim a distance of 18 km upstream? 1 point

- 5 hrs
- 6 hrs
- 7 hrs
- 9 hrs

24. A boat can travel with a speed of 22kmph in still water. If the speed of the stream is 5kmph, find the time taken by the boat to go 54 km downstream? 1 point

- 5 hrs
- 4 hrs
- 3 hrs
- 2 hrs

25. In a river flowing at 2 kmph, a boat travels 32 km upstream and then returns downstream to the starting point. If it's speed in still water be 6 kmph, find the total journey time? 1 point

- 10 hrs
- (●) 12 hrs
- 14 hrs
- 16 hrs

THANK YOU!