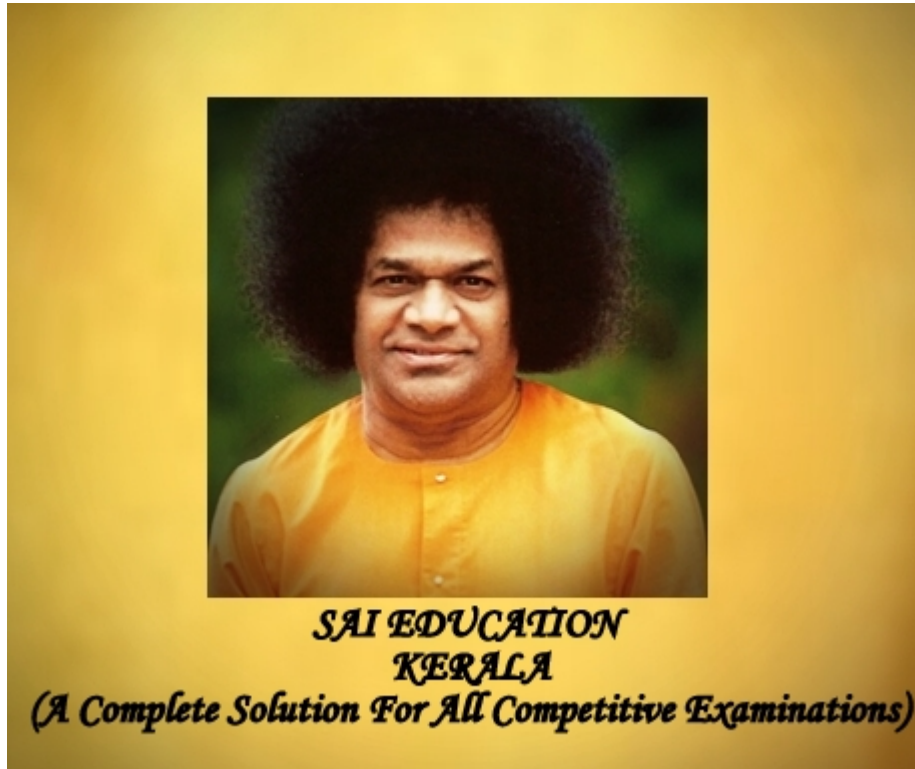


ONLINE COACHING DAY 71 (12-06-19) - SIMPLE AND COMPOUND INTEREST

KERALA UNIVERSITY ASSISTANT SPECIAL



Name of the Candidate *

M-2 ▼

Place *

Thrissur ▼

Untitled Section

Please watch the online video (4,5 and 6) 

<https://youtu.be/TckuHeyPiWc>

<https://youtu.be/pxstU9qivfs>

<https://youtu.be/ulRCctVA3D8>

1. A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. 1 point

The sum is: *

- Rs. 650
- Rs. 690
- Rs. 698
- Rs. 700

2. A sum fetched a total simple interest of Rs. 4016.25 at the rate of 9 p.c.p.a. in 5 years. What is the sum? 1 point

- Rs. 4462.50
- Rs. 8032.50
- Rs. 8900
- Rs. 8925

3. How much time will it take for an amount of Rs. 450 to yield Rs. 81 as interest at 4.5% per annum of simple interest? 1 point

- 3.5 years
- 4 years
- 4.5 years
- 5 years

4. Reena took a loan of Rs. 1200 with simple interest for as many years as the rate of interest. 1 point
If she paid Rs. 432 as interest at the end of the loan period, what was the rate of interest? *

- 3.6
- 6
- 18
- Cannot be determined

5. A sum of Rs. 12,500 amounts to Rs. 15,500 in 4 years at the rate of simple interest. What is the rate of interest? *

1 point

- 3%
- 4%
- 5%
- 6%

6. A man took loan from a bank at the rate of 12% p.a. simple interest. After 3 years he had to pay Rs. 5400 interest only for the period. The principal amount borrowed by him was: *

1 point

- Rs. 2000
- Rs. 10,000
- Rs. 15,000
- Rs. 20,000

7. What will be the ratio of simple interest earned by certain amount at the same rate of interest for 6 years and that for 9 years? *

1 point

- 1 : 3
- 1 : 4
- 2 : 3
- None of these

8. A certain amount earns simple interest of Rs. 1750 after 7 years. Had the interest been 2% more, how much more interest would it have earned? *

1 point

- Rs. 35
- Rs. 245
- Rs. 350
- Data Inadequate

9. A person borrows Rs. 5000 for 2 years at 4% p.a. simple interest. He immediately lends it to another person at 6% p.a for 2 years. Find his gain in the transaction per year. *

1 point

- Rs. 112.50
- Rs. 125
- Rs. 225
- Rs. 167.50

10. A lent Rs. 5000 to B for 2 years and Rs. 3000 to C for 4 years on simple interest at the same rate of interest and received Rs. 2200 in all from both of them as interest. The rate of interest per annum is: *

1 point

- 5%
- 7%
- $7\frac{1}{8}\%$
- 10%

11. The compound interest on Rs. 30,000 at 7% per annum is Rs. 4347. The period (in years) is: *

1 point

- 2
- $2\frac{1}{2}$
- 3
- 4

12. What will be the compound interest on a sum of Rs. 25,000 after 3 years at the rate of 12 p.c.p.a.? *

1 point

- Rs. 9000.30
- Rs. 9720
- Rs. 10123.20
- Rs. 10483.20

13. At what rate of compound interest per annum will a sum of Rs. 1200 become Rs. 1348.32 in 2 years? *

1 point

- 6%
- 6.5%
- 7%
- 7.5%

14. Albert invested an amount of Rs. 8000 in a fixed deposit scheme for 2 years at compound interest rate 5 p.c.p.a. How much amount will Albert get on maturity of the fixed deposit? *

1 point

- Rs. 8600
- Rs. 8620
- Rs. 8820
- None of these

1 point

15. Simple interest on a certain sum of money for 3 years at 8% per annum is half the compound interest on Rs. 4000 for 2 years at 10% per annum. The sum placed on simple interest is: *

- Rs. 1550
- Rs. 1650
- Rs. 1750
- Rs. 2000

16. If the simple interest on a sum of money for 2 years at 5% per annum is Rs. 50, what is the compound interest on the same at the same rate and for the same time? *

1 point

- Rs. 51.25
- Rs. 52
- Rs. 54.25
- Rs. 60

17. If the difference between Simple Interest and Compound Interest on a certain sum of money in 2 years at 20 % p.a. is Rs. 800, then find the sum. *

1 point

- 2000
- 20000
- 25000
- 15000

18. Find the amount if Rs 20000 is invested at 10% p.a. for 3 years. *

1 point

- 26620
- 26720
- 27620
- None of these

19. The difference between SI and CI for 2 years @ 20% per annum is Rs 8. What is the principal? *

1 point

- 100
- 150
- 200
- 250

20. Manish invested a sum of money at CI. It amounted to Rs 2420 in 2 years and Rs 2662 in 3 years. Find the rate percent per annum. *

1 point

- 5%
- 10%
- 15%
- 20%

21. Find the simple interest on Rs. 68,000 at $16\frac{2}{3}\%$ per annum for a period of 9 months? *

1 point

- Rs.8500
- Rs.3200
- Rs.2100
- Rs.4300

22. The effective annual rate of interest corresponding to a nominal rate of 6% per annum payable half-yearly is: *

1 point

- 6.06%
- 6.07%
- 6.08%
- 6.09%

23. How much time will it take for an amount of Rs. 900 to yield Rs. 81 as interest at 4.5% per annum of simple interest? *

1 point

- 2 years
- 3 years
- 1 year
- 4 years

24. Arun took a loan of Rs. 1400 with simple interest for as many years as the rate of interest. If he paid Rs.686 as interest at the end of the loan period, what was the rate of interest? *

1 point

- 8%
- 6%
- 4%
- 7%

25. The population of a town has a constant growth of 4% p.a. If its present population is 62,500, what will be its population after two years? *

1 point

- 67000
- 67600
- 63500
- 67500

Thank You!!

