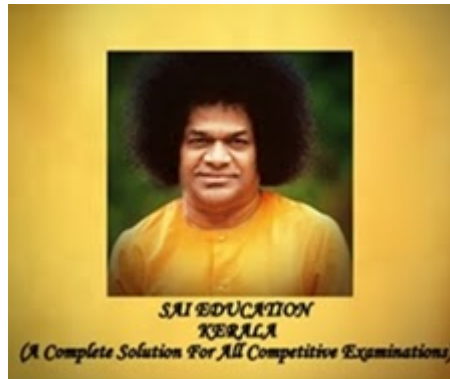


108 DAYS ONLINE COACHING DAY(58) -8/10/2020 THURSDAY

SIMPLE INTEREST AND COMPOUND INTEREST



Name of the candidate *

M3

Place of the candidate *

Thiruvananthapuram

WHATS APP NUMBER (JOINED IN SAI EDUCATION ONLINE COACHING PLATFORM) *

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Please watch the following videos and answer the following questions

https://youtu.be/aKX3U6Y8-_s
<https://youtu.be/ZEH607gNrNg>
<https://youtu.be/G73A3iJoJok>

1.What will be the SI on Rs 200 for 5 yr at 6% pa *

1 point

- Rs 60
- Rs 30
- Rs 15
- Rs 70

2.The difference between Simple and Compound Interest calculated on same amount at 10% per year for 3 yr is Rs 15.50.The amount was [RRB NTPC Phase I 2016] *

1 point

- RS 5000
- Rs 550
- RS 500
- Rs 1500

3.What sum of money must be given as simple interest for 6 months at 4% pa in order to earn Rs 150 interest * 1 point

- Rs 5000
- Rs 7500
- Rs 10000
- RS 15000

4.In how many year will a sum of Rs 3000 yield a simple interest of Rs 1080 at 12 pa * 1 point

- 3 yr
- 5/2 yr
- 2 yr
- 7/2 yr

5.At simple interest, a sum becomes 3 times in 20 yr.Find the time, in which the sum will double at the same rate of interest * 1 point

- 8yr
- 10 yr
- 12 yr
- 14 yr

6. At what rate percent per annum will the simple interest on a sum of money be $\frac{2}{5}$ of the amount in 10yr * 1 point

- 4%
- 6%
- $17\frac{1}{3}\%$
- $20\frac{1}{3}\%$

7. If a sum of money of simple interest doubles in 12 yr, the ROI per annum is * 1 point

- $16\frac{2}{3}\%$
- 7.5%
- $8\frac{1}{3}\%$
- 10%

8. In what time will the simple interest be $\frac{2}{5}$ of the principal at 8 % pa * 1 point

- 8 yr
- 7 yr
- 5 yr
- 6 yr

9.Ms.Sushmita borrowed Rs 900 at 6% pa simple interest.What amount will she pay to clear her debt after 4 yr *

1 point

- 261
- 1161
- 1116
- 216

10.What sum of money will amount to Rs 520 in 5 yr and to Rs 568 in 7 yr at simple interest *

1 point

- Rs 400
- Rs 120
- Rs 510
- Rs 220

11.The simple interest on a certain sum at 5 % pa for 3 yr and 4 yr differ by Rs 42.The sum is *

1 point

- Rs 210
- Rs 280
- Rs 750
- RS 840

12. A sum of Rs 400 amounts to Rs 480 in 4 yr .What will it amount to if the rate of interest is increased by 2 % *

1 point

- Rs 484
- Rs 560
- Rs 512
- none of the above

13. A man lent Rs 60,000 partly at 5%and the rest at 4% simple interest.If the total annual interest is Rs 2560,the money lent at 4% was *

1 point

- Rs 40000
- Rs 44000
- Rs 30000
- Rs 45000

14.A person deposited Rs 500 for 4 yr and RS 600 for 3 yr at the same rate of simple interest in a bank .Altogether he received Rs 190 as interest.The rate of simple interest per annum was *

1 point

- 4%
- 5%
- 2%
- 3%

15.Sam borrowed some money from his friend at simple interest of 6% per annum. He returned his friend Rs. 15600. After how much time did Sam return the money if he borrowed Rs. 12000? *

1 point

- a. 8 years
- b. 2.5 years
- c. 5 years
- d. 3.5 years

16..At what rate percent of simple interest will a sum of money double itself in 12 years *

1 point

- A) $8\frac{1}{3}\%$
- B) $8\frac{1}{2}\%$
- C) $8\frac{1}{4}\%$
- D) $9\frac{1}{2}\%$

17..If a sum of money at simple interest doubles itself in 6 years .it will become 4 times in? *

1 point

- A)14 years
- B)12years
- C)18 years
- D)16 years

18.If a sum of money at simple interest doubles itself in 6 years .it will become 4 times in? 1 point

*

- A)14 years
- B)12years
- C)18 years
- D)16 years

19.If simple interest for 2 years for a sum is Rs. 600 and compound interest for the same 1 point
sum for 2 years and same rate of interest is Rs. 645, what will be the rate of interest? *

- a. 10%
- b. 15%
- c. 30%
- d. 5%

20. A man took loan from a bank at the rate of 8% per annum simple interest. After 4 1 point
years he had to pay ₹6200 interest only for the period. What was the principal amount
borrowed by him? *

- A. ₹20245
- B. ₹18230
- C. ₹17322
- D. ₹19375

21. What is the interest due after 40 days for ₹3200 at 10% *

1 point

- A. 35.52
- B. 36.21
- C. 35.07
- D. 34

22. The difference between simple and compound interests compounded annually on a certain sum of money for 2 years at 4% per annum is Rs 1. Find the sum *

1 point

- Rs 600
- Rs 625
- Rs 650
- Rs 675

23. Albert invested amount of 8000 in a fixed deposit for 2 years at compound interest rate of 5 % per annum. How much Albert will get on the maturity of the fixed deposit. *

1 point

- Rs. 8510
- Rs. 8620
- Rs. 8730
- Rs. 8820

24. In what time will Rs.1000 become Rs.1331 at 10% per annum compounded annually * 1 point

- 2 Years
- 3 Years
- 4 Years
- 5 Years

25. The compound interest on a certain sum for 2 years at 10% per annum is Rs. 525. The simple interest on the same sum for double the time at half the rate percent per annum is: *

- A. Rs. 400
- B. Rs. 500
- C. Rs. 600
- D. Rs. 800

Thankyou!!!

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