

108 Days online coaching Day(56) 16/03/2021, Tuesday

SIMPLE AND COMPOUND INTEREST

Name of the Candidate *

m1

Place of the candidate *

Kozhikode

WhatsApp number (Joined in sai edn coaching Platform) *

1

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

<https://youtu.be/pxstU9qivfs>

<https://youtu.be/TckuHeyPiWc>

<https://youtu.be/uIRCCtVA3D8>

1) A bank offers 5% compound interest calculated on half-yearly basis. A customer deposits Rs. 1600 each on 1st January and 1st July of a year. At the end of the year, the amount he would have gained by way of interest is: *

- A. Rs. 120
- B. Rs. 121
- C. Rs. 122
- D. Rs. 123

2) The difference between simple and compound interests compounded annually on a certain sum of money for 2 years at 4% per annum is Re. 1. The sum (in Rs.) is: *

- A. 625
- B. 630
- C. 640
- D. 650

3) There is 60% increase in an amount in 6 years at simple interest. What will be the compound interest of Rs. 12,000 after 3 years at the same rate? *

- A. Rs. 2160
- B. Rs. 3120
- C. Rs. 3972
- D. Rs. 6240

4) What is the difference between the compound interests on Rs. 5000 for 1 years at 4% per annum compounded yearly and half-yearly? *

1 point

- A. Rs. 2.04
- B. Rs. 3.06
- C. Rs. 4.80
- D. Rs. 8.30

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

1 point

- A. 2
- B. 2 1/2
- C. 3
- D. 4

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

1 point

- A. 6%
- B. 6.5%
- C. 7%
- D. 7.5%

7) 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: *

1 point

- A. Rs. 1550
- B. Rs. 1650
- C. Rs. 1750
- D. Rs. 2000

8) 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

- A. Rs. 51.25
- B. Rs. 52
- C. Rs. 54.25
- D. Rs. 60

9) The difference between simple interest and compound on Rs. 1200 for one year at 10% per annum reckoned half-yearly is: *

1 point

- A. Rs. 2.50
- B. Rs. 3
- C. Rs. 3.75
- D. Rs. 4

10) The difference between compound interest and simple interest on an amount of Rs. 15,000 for 2 years is Rs. 96. What is the rate of interest per annum? * 1 point

- A. 8
- B. 10
- C. 12
- D. Cannot be determined

11) 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: * 1 point

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

12) Amount of Rs. 12800 was invested by Mr Rohan dividing it into two different investment schemes A and B at a simple interest rate of 11% and 14%. What was the amount in plan B if the amount of interest earned in two years was Rs. 3508. * 1 point

- Rs. 1266.67
- Rs. 1266.68
- Rs. 1266
- Rs. 1266.76

13) A lender claims to be lending at simple interest, but he adds the interest every 6 months in the calculation of principal. The rate of interest charged by him is 8%. What will be the effective rate of interest? *

1 point

- 9
- 9.1
- 9.16
- 10

14) The rate of interest offered by a bank is 10% compounded annually. A sum of Rs.10000 is deposited by a person in his account. If the sum isn't withdrawn, then what will be the balance of his account after 4 years? *

1 point

- 51051
- 50000
- 40000
- 21865

15) A town has a population of 30,000. The population decreases by 10 per thousand per year. What will be the population after 2 years? *

1 point

- 29000
- 28000
- 29403
- 23098

16) Find compound interest on Rs. 8000 at 15% per annum for 2 years 4 months, compounded annually * 1 point

- A) 2109
- B) 3109
- C) 4109
- D) 6109

17) A sum of money lent at compound interest for 2 years at 20% per annum would fetch Rs.482 more, if the interest was payable half yearly than if it was payable annually . The sum is * 1 point

- A) 10000
- B) 20000
- C) 40000
- D) 50000

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

- A) 3.6
- B) 6
- C) 18
- D) Cannot be determined
- Option 2

19) Find the compound interest on Rs. 16,000 at 20% per annum for 9 months, compounded quarterly *

1 point

- A) 2422
- B) 2522
- C) 2622
- D) 2722

20) Find compound interest on Rs. 7500 at 4% per annum for 2 years, compounded annually. *

1 point

- A) 612
- B) 712
- C) 812
- D) 912

Thank you!

This content is neither created nor endorsed by Google.

Forms