

Examrace

Aptitude Logical Reasoning Compound Interest 2020 Competitive Exams Part 1

Glide to success with Doorsteptutor material for CAT : [fully solved questions with step-by-step explanation](#)- practice your way to success.

1. Find the compound interest and the amount on Rs.8000 at 5% per annum for 3 years when C.I is reckoned yearly?

- A. Rs.1261
- B. Rs.1440
- C. Rs.1185
- D. Rs.1346

Answer: A

2. If Rs.7500 are borrowed at C.I at the rate of 4% per annum, then after 2 years the amount to be paid is?

- A. Rs.8082
- B. Rs.7800
- C. Rs.8100
- D. Rs.8112

Answer: D

3. Find out the C.I on Rs.5000 at 4% p.a. compound half-yearly for $1\frac{1}{2}$ years.

- A. Rs.420.20
- B. Rs.319.06
- C. Rs.306.04
- D. Rs.294.75

Answer: C

4. Rs.8000 become Rs.9261 in a certain interval of time at the rate of 5% per annum of C.I. Find the time?

- A. 4 years
- B. 6 years

C. 2 years

D. 3 years

Answer: D

5. At the end of three years what will be the compound interest at the rate of 10% p.a. on an amount of Rs.20000?

A. Rs.6620

B. Rs.6500

C. Rs.6800

D. Rs.6400

Answer: A

6. Find the C.I. on a sum of Rs.1600 for 9 months at 20% per annum, interest being compounded quarterly?

A. Rs.17684

B. Rs.1684

C. Rs.2522

D. Rs.3408

Answer: C

7. Simple interest on a sum at 4% per annum for 2 years is Rs.80. The C.I. on the same sum for the same period is?

A. Rs.81.60

B. Rs.160

C. Rs.1081.60

D. Rs.99

Answer: A

8. The C.I. on a certain sum for 2 years Rs.41 and the simple interest is Rs.40. What is the rate percent?

A. 4%

B. 5%

C. 6%

D. 8%

Answer: B

9. The sum of money at compound interest amounts to thrice itself in 3 years. In how many years will it be 9 times itself?

A. 18

B. 12

C. 9

D. 6

Answer: D

10. A sum of money placed at compound interest doubles itself in 4 years. In how many years will it amount to eight times itself?

A. 16

B. 8

C. 12

D. 20

Answer: C

11. A sum of money deposited at C.I. amounts to Rs.2420 in 2 years and to Rs.2662 in 3 years. Find the rate percent?

A. 15%

B. 10%

C. $7\frac{1}{2}$ %

D. 8%

Answer: B

12. Find the sum lent at C.I. at 5 p.c per annum will amount to Rs.441 in 2 years?

A. Rs.420

B. Rs.400

C. Rs.375

D. Rs.380

Answer: B

13. A property decreases in value every year at the rate of $6\frac{1}{4}\%$ of its value at the beginning of the year its value at the end of 3 years was Rs.21093. Find its value at the beginning of the first year?

A. Rs.25600.24

B. Rs.32000.50

C. Rs.18060.36

D. Rs.18600

Answer: A

14. Find the least number of complete years in which a sum of money put out at 25% compound interest will be more than double of itself?

A. 6 years

B. 1 year

C. 2 years

D. 4 years

Answer: D

15. The difference between simple interest and C.I. at the same rate for Rs.5000 for 2 years in Rs.72. The rate of interest is?

A. 10%

B. 12%

C. 6%

D. 8%

Answer: B