2IIM

CAT Blitzkrieg

ALL CAT QUESTIONS FROM SIMPLE & COMPOUND INTEREST

How to Blitzkrieg

Saturday 12 PM

- Take the **FREE** test using **online.2iim.com/blitzkrieg**

After the Test

- Download the **PDF** of the questions

Sunday 6 PM

- Click here to attend the Free **LIVE** Session on YouTube

2IIM

REGISTER NOW!

CAT CRASH COURSE

for ₹10,000/- only

ONLY 75 DAYS TO GO FOR CAT 2022

*Includes:
High-quality videos for entire CAT curriculum,
8000+ Online Questions,
OMET Content,
25+ Mocks,
GD PI Training & More!

*Link in Description

Visit: online.2iim.com

Call: 99626 48484

1. CAT 2021 – Slot I

Anil invests some money at a fixed rate of interest, compounded annually. If the interests accrued during the second and third year are ₹ 806.25 and ₹ 866.72, respectively, the interest accrued, in INR, during the fourth year is nearest to

A. 931.72

B. 926.84

C. 929.48

D. 934.65

2. CAT 2021 – Slot II

Anil, Bobby and Chintu jointly invest in a business and agree to share the overall profit in proportion to their investments. Anil's share of investment is 70%. His share of profit decreases by ₹ 420 if the overall profit goes down from 18% to 15%. Chintu's share of profit increases by ₹ 80 if the overall profit goes up from 15% to 17%. The amount, in INR, invested by Bobby is

A. 2400

B. 2200

C. 2000

D. 2800

3. CAT 2021 – Slot II

Raj invested ₹ 10000 in a fund. At the end of first year, he incurred a loss but his balance was more than ₹ 5000. This balance, when invested for another year, grew and the percentage of growth in the second year was five times the percentage of loss in the first year. If the gain of Raj from the initial investment over the two year period is 35%, then the percentage of loss in the first year is

A. 15

B. 5

C. 10

D. 70

4. CAT 2021 – Slot III

Bank A offers 6% interest rate per annum compounded half yearly. Bank B and Bank C offer simple interest but the annual interest rate offered by Bank C is twice that of Bank B. Raju invests a certain amount in Bank B for a certain period and Rupa invests ₹ 10,000 in Bank C for twice that period. The interest that would accrue to Raju during that period is equal to the interest that would have accrued had he invested the same amount in Bank A for one year. The interest accrued, in INR, to Rupa is

A. 2436

B. 3436

C. 2346

D. 1436

5. CAT 2020 – Slot I

Veeru invested Rs 10000 at 5% simple annual interest, and exactly after two years, Joy invested Rs 8000 at 10% simple annual interest. How many years after Veeru's investment, will their balances, i.e., principal plus accumulated interest, be equal?

6. CAT 2020 – Slot II

For the same principal amount, the compound interest for two years at 5% per annum exceeds the simple interest for three years at 3% per annum by Rs 1125. Then the principal amount in rupees is

7. CAT 2020 – Slot III

A person invested a certain amount of money at 10% annual interest, compounded half-yearly. After one and a half years, the interest and principal together became Rs 18522. The amount, in rupees, that the person had invested is

8. CAT 2019 – Slot I

A person invested a total amount of Rs 15 lakh. A part of it was invested in a fixed deposit earning 6% annual interest, and the remaining amount was invested in two other deposits in the ratio 2 : 1, earning annual interest at the rates of 4% and 3%, respectively. If the total annual interest income is Rs 76000 then the amount (in Rs lakh) invested in the fixed deposit was

[TITA]

9. CAT 2019 – Slot II

Amal invests Rs 12000 at 8% interest, compounded annually, and Rs 10000 at 6% interest, compounded semi-annually, both investments being for one year. Bimal invests his money at 7.5% simple interest for one year. If Amal and Bimal get the same amount of interest, then the amount, in Rupees, invested by Bimal is

[TITA]

10. CAT 2018 – Slot II

Gopal borrows Rs. X from Ankit at 8% annual interest. He then adds Rs. Y of his own money and lends Rs. X+Y to Ishan at 10% annual interest. At the end of the year, after returning Ankit's dues, the net interest retained by Gopal is the same as that accrued to Ankit. On the other hand, had Gopal lent Rs. X+2Y to Ishan at 10%, then the net interest retained by him would have increased by Rs. 150. If all interests are compounded annually, then find the value of X + Y. (TITA)

2IIM

REGISTER NOW!

CAT CRASH COURSE

for ₹10,000/- only

ONLY 75 DAYS TO GO FOR CAT 2022

*Includes:
High-quality videos for entire CAT curriculum,
8000+ Online Questions,
OMET Content,
25+ Mocks,
GD PI Training & More!

*Link in Description

Visit: online.2iim.com

Call: 99626 48484

Join our Telegram channel for all CAT related updates

t.me/twoiim