

CLAT Community

daily
QT

SECTIONAL TEST

128

DAYS TO GO FOR
CLAT 2027



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OUR RANKERS

1 in every 4 of CLAT Community's students
are now placed in Top 5 NLU's.



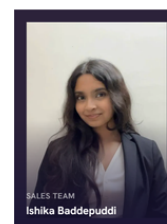
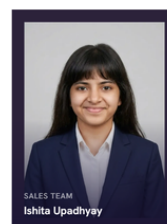
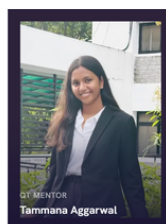
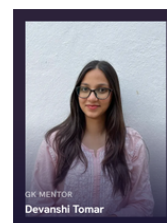
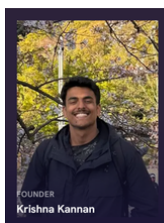
AND
MANY
MORE.

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OUR COURSES



OUR MENTORS



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MENTORS' NOTE

Good morning everyone,

If you're reading this, you're already doing something that thousands of CLAT aspirants never do—you've shown up today. That might sound like a small thing, but over the next few months you'll realise that success in CLAT is rarely decided by one brilliant mock or one 12-hour study session. It's decided by the hundreds of ordinary days where you choose to sit down and study even when you don't feel like it.

The entire CLAT Community team is rooting for you. Whenever you're stuck, ask doubts, discuss questions, and make use of the people around you. You don't have to prepare alone. We hope today's material helps you take one more step towards your dream.

Now stop reading this note and get to work. Your future self will thank you for the effort you put in today.

All the best.

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QUANTITATIVE APTITUDE

Passage I

Everest Microfinance Trust provides small loans to rural entrepreneurs and farmers, charging simple interest on each loan based on its purpose and repayment period. Because borrowers often repay loans in a single lump sum at the end of the term, the trust's officers routinely calculate the total amount payable, which includes both the principal borrowed and the accumulated interest. Some borrowers repay part of the loan early, which stops interest from accruing on that portion for the remaining period, while others take a fresh loan alongside an existing one, requiring the trust to track each loan's interest separately. Because the trust deals with a mix of short-term and long-term loans at varying rates, its officers frequently need to determine an unknown principal, rate, or time period from partial information. Study the following details about this month's loans, then answer the questions below.

1. A farmer borrows ₹40,000 from the trust at 9% per annum simple interest. Find the interest payable after 2 years.

- (A) ₹6,800
- (B) ₹7,000
- (C) ₹7,200
- (D) ₹7,400

2. A borrower repays ₹27,300 as the total amount (principal + interest) after 3 years on a loan taken at 10% per annum simple interest. Find the principal amount borrowed.

- (A) ₹20,000
- (B) ₹20,500
- (C) ₹21,000
- (D) ₹21,500

3. A loan of ₹18,000 earns simple interest of ₹4,320 over a certain period at 8% per annum. Find the time period.

- (A) 2.5 years

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(B) 3 years

(C) 3.5 years

(D) 4 years

4. A trader borrows ₹50,000 for 3 years at 10% per annum simple interest. At the end of the first year, he repays ₹20,000 towards the principal, which stops earning interest thereafter, while the remaining ₹30,000 continues to earn interest for the remaining 2 years. Find the total interest paid over the 3-year period.

(A) ₹10,000

(B) ₹10,500

(C) ₹11,000

(D) ₹11,500

5. Two farmers borrow ₹35,000 and ₹45,000 respectively, the first at 7% per annum and the second at 9% per annum, both for 4 years. Find the difference between the total interest paid by the two farmers.

(A) ₹6,000

(B) ₹6,200

(C) ₹6,400

(D) ₹6,600

6. A sum of ₹72,000 is split into two loans such that the simple interest on the first loan at 6% for 5 years equals the simple interest on the second loan at 8% for 3 years. Find the value of the first loan.

(A) ₹28,000

(B) ₹30,000

(C) ₹32,000

(D) ₹34,000

Passage II

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Crestline Delivery Service tracks the number of packages delivered and the average delivery time for each of its drivers every week, using these figures to plan staffing and route assignments. Because drivers work different shift lengths and cover different routes, the operations team relies on averages rather than raw totals to fairly compare performance across drivers and teams. Averages are recalculated whenever a new driver joins a team, an existing driver's earlier logged figures are corrected after a system error, or drivers from different teams are compared together as a combined group. The team also monitors how a single day's unusually high or low delivery count affects a driver's overall weekly average. Study the following details about this week's delivery records, then answer the questions below.

7. A driver delivered packages over 6 days with an average of 38 packages per day. Find the total number of packages delivered over the 6 days.

- (A) 220
- (B) 224
- (C) 228
- (D) 232

8. The average delivery time for 9 drivers is 25 minutes per package. If a new driver with an average delivery time of 35 minutes joins the group, find the new average delivery time for all 10 drivers.

- (A) 25.5 minutes
- (B) 26 minutes
- (C) 26.5 minutes
- (D) 27 minutes

9. A system error is found in a driver's logged delivery count for one day. The original recorded value was 30 packages, but the correct value is 45. If this day is part of a 5-day week, find the increase in the weekly average once corrected.

- (A) 2
- (B) 2.5

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(C) 3

(D) 3.5

10. Team A has 8 drivers with an average of 40 packages delivered per day, and Team B has 12 drivers with an average of 45 packages delivered per day. Find the average packages delivered per day across all 20 drivers.

(A) 42

(B) 42.5

(C) 43

(D) 43.5

11. The average packages delivered per day by 10 drivers is 36. If one driver, who delivered 54 packages, is excluded, find the average for the remaining 9 drivers.

(A) 33

(B) 33.5

(C) 34

(D) 34.5

12. One underperforming driver, delivering 20 packages per day, is replaced by a new driver, and as a result the average packages delivered per day by the 8 drivers increases by 4. Find the number of packages delivered per day by the new driver.

(A) 48

(B) 50

(C) 52

(D) 54

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ANSWER KEY**Q1.**

Simple Interest = $(\text{Principal} \times \text{Rate} \times \text{Time})/100 = (40,000 \times 9 \times 2)/100 = ₹7,200$.

Answer → (C) ₹7,200

Q2.

Total amount = $\text{Principal} \times (1 + RT/100)$. Here, $1 + (10 \times 3)/100 = 1.30$.

So $P \times 1.30 = ₹27,300$, giving $P = 27,300/1.30 = ₹21,000$.

Answer → (C) ₹21,000

Q3.

Time = $(\text{Interest} \times 100)/(\text{Principal} \times \text{Rate}) = (4,320 \times 100)/(18,000 \times 8) = 4,32,000/1,44,000 = 3$ years.

Answer → (B) 3 years

Q4.

Interest for year 1 on the full ₹50,000 = $50,000 \times 10 \times 1/100 = ₹5,000$.

After repayment, interest on the remaining ₹30,000 for 2 years = $30,000 \times 10 \times 2/100 = ₹6,000$.

Total interest = ₹5,000 + ₹6,000 = ₹11,000.

Answer → (C) ₹11,000

Q5.

Interest on first loan = $(35,000 \times 7 \times 4)/100 = ₹9,800$.

Interest on second loan = $(45,000 \times 9 \times 4)/100 = ₹16,200$.

Difference = ₹16,200 – ₹9,800 = ₹6,400.

Answer → (C) ₹6,400

Q6.

Let the first loan be x, so the second loan is $(72,000 - x)$.

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Interest on first loan = $x \times 6 \times 5/100 = 0.30x$. Interest on second loan = $(72,000 - x) \times 8 \times 3/100 = 0.24(72,000 - x)$.

Setting them equal: $0.30x = 0.24(72,000 - x) \rightarrow 30x = 24(72,000 - x) \rightarrow 30x = 17,28,000 - 24x \rightarrow 54x = 17,28,000$.

$x = ₹32,000$.

Answer $\rightarrow$ (C) ₹32,000

Q7.

Total packages = average $\times$ number of days = $38 \times 6 = 228$.

Answer $\rightarrow$ (C) 228

Q8.

Total for 9 drivers = $9 \times 25 = 225$.

After the new driver joins, total = $225 + 35 = 260$, over 10 drivers.

New average = $260/10 = 26$ minutes.

Answer $\rightarrow$ (B) 26 minutes

Q9.

Increase in the daily total = $45 - 30 = 15$.

Increase in the weekly average = $15/5 = 3$.

Answer $\rightarrow$ (C) 3

Q10.

Total packages = $(8 \times 40) + (12 \times 45) = 320 + 540 = 860$, over 20 drivers.

Average = $860/20 = 43$.

Answer $\rightarrow$ (C) 43

Q11.

Total for 10 drivers = $10 \times 36 = 360$.

Excluding the driver with 54 packages, remaining total = $360 - 54 = 306$, over 9 drivers.

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Remaining average = $306/9 = 34$.

Answer → (C) 34

Q12.

Total increase in packages = increase in average $\times$ number of drivers = $4 \times 8 = 32$.

Packages delivered by the new driver = $20 + 32 = 52$.

Answer → (C) 52



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