

CLAT Community

daily
QT

SECTIONAL TEST

130

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 NLUs.



SAHER GOLE



PARTHIVA SUSHANTH



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SUHIT KENDURKAR



RIYA CHAUHAN



SHEIKH EHSAN KHALEELULLAH



HRISHIT PODDAR



ROHAN YADAV



TEJAS ROY



ANIRUDDH BAJAJ



KABIR WADHWANI



CANCHI SISTLA AKSHARA



SHIVAM TRIPATHI



HARDIK GAUTAM



MANYA BHASKAR



NAMASHRITA GOPINATH



RONIL DHASAL



VEDA RAO



SAMANDAR SINGH



GANJI HAINDAVI



SAHISHNA



PRANAV. S

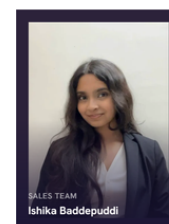
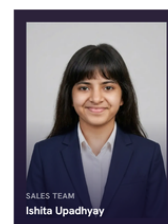
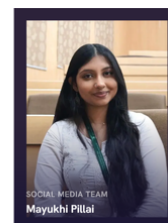
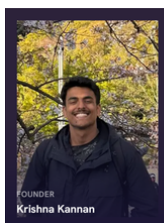
AND
MANY
MORE.

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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

Bright Horizon University reviews its admissions data every year, tracking how many applicants apply, how many are shortlisted, and how many finally enroll across its various programmes. The admissions office also monitors changes in tuition fees, which are revised annually, and the proportion of students awarded merit-based or need-based scholarships. Because application numbers and scholarship budgets vary from year to year, the office expresses most of its figures in percentage terms so that trends across programmes and years remain comparable. Some calculations also involve reversing a percentage change to determine an original figure, such as the fee before a hike or the applicant pool before a change in shortlisting criteria. Study the following details about this year's admissions, fees, and scholarships, then answer the questions below.

1. Out of 2,000 applicants to the engineering programme, 35% were shortlisted for interviews. Find the number of applicants shortlisted.
(A) 650
(B) 680
(C) 700
(D) 720
2. The university increased its annual tuition fee from ₹1,20,000 to ₹1,38,000. Find the percentage increase in fee.
(A) 12%
(B) 15%
(C) 18%
(D) 20%
3. This year, 480 students were awarded scholarships, which is 20% of the total enrolled students. Find the total number of enrolled students.
(A) 2,200
(B) 2,300
(C) 2,400

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(D) 2,500

4. The number of applicants to the business programme increased by 25% this year compared to last year. If this year's applicants number 2,500, find last year's number of applicants.

(A) 1,900

(B) 1,950

(C) 2,000

(D) 2,050

5. Of the 700 shortlisted engineering applicants, 60% attended the interview, and of those who attended, 25% were finally offered admission. Find the number of applicants offered admission.

(A) 95

(B) 100

(C) 105

(D) 110

6. Last year, the scholarship rate was 15% of enrolled students. This year, the rate increased by 5 percentage points, and 520 students received scholarships this year. Find the number of enrolled students this year.

(A) 2,400

(B) 2,500

(C) 2,600

(D) 2,700

Passage II

Golden Valley Dairy Farm manages a large herd of cattle and distributes its daily milk output to local retailers, a processing plant, and its own on-site dairy shop, dividing the total quantity according to fixed ratios set at the start of each season. The farm also mixes specific types of fodder in set proportions to prepare feed for different groups of cattle, adjusting the mix when the herd composition changes. Because male and female cattle are reared separately and calves require different feed and space allocations, the farm's records track these ratios carefully, recalculating them whenever new cattle are purchased or existing cattle are moved

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between groups. Study the following details about this season's milk distribution, feed mixing, and herd composition, then answer the questions below.

7. The farm's daily milk output of 1,800 litres is distributed to local retailers, the processing plant, and the dairy shop in the ratio 5:7:6. Find the quantity sent to the processing plant.

- (A) 650 litres
- (B) 680 litres
- (C) 700 litres
- (D) 720 litres

8. The farm mixes two types of fodder, hay and silage, in the ratio 3:5 to prepare feed for the dairy cattle. If 240 kg of hay is used, find the quantity of silage required.

- (A) 350 kg
- (B) 380 kg
- (C) 400 kg
- (D) 420 kg

9. In the herd, the ratio of male to female cattle is 2:7. If there are 63 female cattle, find the total number of cattle in the herd.

- (A) 72
- (B) 76
- (C) 81
- (D) 84

10. The ratio of calves to adult cattle in the herd is 1:4. After the farm purchases 15 more adult cattle, the ratio becomes 1:7. Find the original number of calves.

- (A) 4
- (B) 5
- (C) 6
- (D) 8

11. The ratio of milk sent to local retailers to that sent to the processing plant is 5:7, and the ratio of processing plant milk to dairy shop milk is 7:6. Find the ratio of milk sent to local retailers to that sent to the dairy shop.

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(A) 5:6

(B) 6:5

(C) 7:6

(D) 5:7

12. The total number of cattle in the herd is divided into three groups—milking cows, dry cows, and calves—in the ratio 9:4:3. If the number of dry cows is 32, find the total number of cattle in the herd.

(A) 112

(B) 120

(C) 128

(D) 136



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ANSWER KEY**Q1.**

Number shortlisted = 35% of 2,000 = $0.35 \times 2,000 = 700$.

Answer → (C) 700

Q2.

Increase in fee = ₹1,38,000 – ₹1,20,000 = ₹18,000.

Percentage increase = $(18,000/1,20,000) \times 100 = 15\%$.

Answer → (B) 15%

Q3.

Let total enrolled students = T. Then 20% of T = 480.

$T = 480/0.20 = 2,400$.

Answer → (C) 2,400

Q4.

Let last year's applicants = X. This year's number = $X \times 1.25 = 2,500$.

$X = 2,500/1.25 = 2,000$.

Answer → (C) 2,000

Q5.

Number who attended the interview = 60% of 700 = 420.

Number offered admission = 25% of 420 = 105.

Answer → (C) 105

Q6.

This year's scholarship rate = 15% + 5 percentage points = 20%.

Let enrolled students this year = T. Then 20% of T = 520, so $T = 520/0.20 = 2,600$.

Answer → (C) 2,600

Q7.

Total ratio parts = $5+7+6 = 18$.

Processing plant's share = $(7/18) \times 1,800 = 700$ litres.

Answer → (C) 700 litres

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Q8.

Silage required = hay $\times$ (5/3) = $240 \times (5/3) = 400$ kg.

Answer $\rightarrow$ (C) 400 kg

Q9.

Total ratio parts = $2+7 = 9$. One part = $63/7 = 9$.

Total cattle = $9 \times 9 = 81$.

Answer $\rightarrow$ (C) 81

Q10.

Let calves = x and adult cattle = $4x$.

After purchase: $(4x + 15)/x = 7 \rightarrow 4x + 15 = 7x \rightarrow 3x = 15 \rightarrow x = 5$.

Answer $\rightarrow$ (B) 5

Q11.

Retailers:Plant = 5:7. Plant:Shop = 7:6.

Since the 'plant' term (7) already matches in both ratios, combine directly:

Retailers:Plant:Shop = 5:7:6.

So Retailers:Shop = 5:6.

Answer $\rightarrow$ (A) 5:6

Q12.

Total ratio parts = $9+4+3 = 16$. One part = $32/4 = 8$.

Total cattle = $8 \times 16 = 128$.

Answer $\rightarrow$ (C) 128

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