

CLAT Community

daily
QT

SECTIONAL TEST

108

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.



SAHER GOLE



PARTHIVA SUSHANTH



MIHIKA AGGARWAL



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

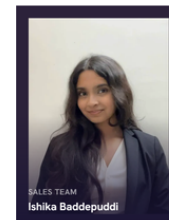
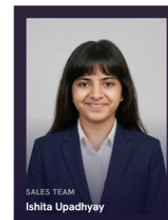
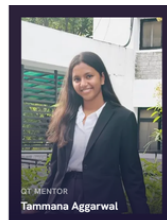
AND
MANY
MORE.

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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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DAILY QT

SECTION I

Meridian Print & Bindery's web-offset press, bought in 2021, depreciates yearly on the reducing-balance method: it was worth ₹13,50,000 at the close of 2022 and ₹10,93,500 at the close of 2024. Its paper supplier lists Grade-A stock at ₹720 per ream (500 sheets) with a 12.5% discount on any single order above 50 reams; Meridian's latest order was 60 reams, billed to clients per 100 sheets at a flat 25% markup over Meridian's own landed cost, while a rival supplier lists the same stock at ₹700 per ream. Separately, of 288 January enquiries, five-eighths converted into confirmed orders; confirmed orders rose 25% in February and, after a further rise, reached 270 in March, with 8% of March's enquiries declined for lack of capacity. A 20% ink-price hike, effective only from 1 July, coincided with a 10% fall in litres consumed over the full year. Profit margin was 18% of revenue in Q1 (₹7,20,000 on ₹40,00,000) and 24% in Q2 (₹10,80,000 on ₹45,00,000). Meridian also targets a net 32% two-year rise in output capacity, the second year's percentage increase being exactly double the first's.

Q1. What was the original purchase cost of the press in 2021?

- (A) ₹13,50,000
- (B) ₹12,15,000
- (C) ₹15,00,000
- (D) ₹14,85,000

Q2. What per-100-sheet rate does Meridian charge its client for this order?

- (A) ₹157.50
- (B) ₹180.00
- (C) ₹787.50
- (D) ₹175.00

Q3. By what percentage did confirmed orders increase from February to March?

- (A) 25%
- (B) 50%
- (C) 62.5%
- (D) 20%

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Q4. What was the net percentage change in Meridian's total ink expenditure for the year, compared with the previous year?

- (A) An increase of 8%
- (B) A decrease of 1%
- (C) No change (0%)
- (D) An increase of 10%

Q5. By what percentage is Meridian's Q2 profit margin higher than its Q1 profit margin?

- (A) 6%
- (B) 25%
- (C) 50%
- (D) $33\frac{1}{3}\%$

Q6. What percentage increase in output capacity is Meridian targeting for the first year?

- (A) 10%
- (B) $10\frac{2}{3}\%$
- (C) 20%
- (D) 32%

SECTION II

Kalpavriksha Public School's Sports Day involves several random-selection procedures. For the 4-member house-captain panel, 15 candidates remain — 9 boys and 6 girls — of whom exactly 2 are outgoing head-boy finalists, and school rule permits at most one finalist on the panel. Lane-priority ties are broken by four tosses of a fair coin, with priority going to the house whose tosses show at least two more heads than tails. For the relay handicap draw, batons are marked Inner or Outer in the ratio 3:2 among an original 5; one extra Inner-marked baton is added just before the draw. Separately, of 20 shortlisted finish-line marshals, 45% are first-aid certified and 30% are experienced, and the two groups do not overlap. The 50-strong host committee lost 20% of its members to timetable clashes, then a further 25% of the remainder to event reassignment; 3 senior prefects hold guaranteed seats throughout. Of the resulting 30-member committee, 18 are repeat volunteers and 12 have signed up for next year, with the overlap equal to one-third of the repeat-volunteer group.

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Q7. Find the probability that a house is awarded lane priority at a given tie-break.

- (A) $11/16$
- (B) $1/16$
- (C) $5/16$
- (D) $1/4$

Q8. A 4-member house-captain panel is chosen at random from the 15 remaining candidates. Find the probability that the panel includes at most one of the two head-boy finalists.

- (A) $2/35$
- (B) $33/35$
- (C) $12/13$
- (D) $44/105$

Q9. Two representatives draw batons together, without replacement, from the relay handicap bag. Find the probability that both draw batons carrying the same lane-marking.

- (A) $7/15$
- (B) $2/5$
- (C) $8/15$
- (D) $5/9$

Q10. Three marshals are chosen at random from the 20 shortlisted for the finish-line post. Find the probability that the group of three includes exactly one first-aid-certified marshal, exactly one experienced marshal, and one marshal with neither qualification.

- (A) $99/190$
- (B) $27/800$
- (C) $9/38$
- (D) $91/228$

Q11. Two members are chosen at random from the final host committee to co-anchor the closing ceremony. Find the probability that the pair includes at least one of the three senior prefects.

- (A) $19/130$
- (B) $117/145$

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(C) $27/145$

(D) $28/145$

Q12. Two members of the 30-member committee are chosen at random for a closing-ceremony announcement. Find the probability that one is a member who volunteered in both capacities and the other fits neither category.

(A) $16/435$

(B) $12/145$

(C) 0

(D) $24/145$



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ANSWER KEY

SECTION I — PERCENTAGE (MERIDIAN PRINT & BINDERY)

Q1. Answer: (C) ₹15,00,000

Q2. Answer: (A) ₹157.50

Q3. Answer: (D) 20%

Q4. Answer: (B) A decrease of 1%

Q5. Answer: (D) $33\frac{1}{3}\%$

Q6. Answer: (A) 10%

SECTION II — PROBABILITY (KALPAVRIKSHA PUBLIC SCHOOL SPORTS DAY)

Q7. Answer: (C) $\frac{5}{16}$

Q8. Answer: (B) $\frac{33}{35}$

Q9. Answer: (A) $\frac{7}{15}$

Q10. Answer: (C) $\frac{9}{38}$

Q11. Answer: (D) $\frac{28}{145}$

Q12. Answer: (B) $\frac{12}{145}$

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