

CLAT Community

daily QT

SECTIONAL TEST

113

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.



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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

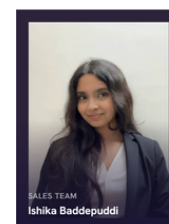
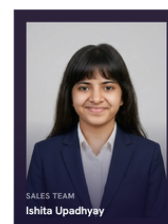
AND
MANY
MORE.

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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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DAILY QT**PASSAGE 1**

Emerald Foods Pvt Ltd sells its flagship product, Millet Crunch, in a 1 kg pack and an 800 g pack. Last year the 1 kg pack was priced at ₹200, itself a 25% increase over its launch price three years earlier; the 800 g pack's price per kilogram has always been maintained at 20% less than the 1 kg pack's price per kilogram for that same year. This year the company raised the 1 kg pack's price by 10%, and raised the 800 g pack's per-kilogram price by the same percentage. Company-wide, Emerald's total revenue this year is ₹100 lakh, of which 40% is spent on raw materials; of what remains, 25% goes to packaging and logistics, and the rest is gross margin. A year-end audit found the reported raw-material figure had mistakenly included one vendor payment twice, overstating the true spend by ₹10 lakh. Separately, competition pulled Millet-Crunch-specific revenue down this year to a figure 20% less than what it would have been had that revenue grown by 15% over last year's base — a shortfall of exactly ₹92 lakh from that hypothetical figure.

Q1. What was the 800 g pack's price per kilogram at launch, three years ago?

- (A) ₹128
- (B) ₹200
- (C) ₹160
- (D) ₹110

Q2. This year, the 1 kg pack's price is what percentage more than the 800 g pack's price per kilogram (this year)?

- (A) 20%
- (B) 25%
- (C) 22%
- (D) 37.5%

Q3. This year's 800 g pack price per kilogram is what percentage of last year's 1 kg pack price?

- (A) 64%
- (B) 12%
- (C) 80%

(D) 88%

Q4. What percentage of Emerald's total revenue this year is retained as gross margin?

(A) 60%

(B) 45%

(C) 35%

(D) 50%

Q5. What is the error percentage in the reported raw-material figure, calculated on the true (corrected) spend?

(A) 10%

(B) 20%

(C) $33\frac{1}{3}\%$

(D) 25%

Q6. What was last year's Millet-Crunch-specific revenue?

(A) ₹460 lakh

(B) ₹400 lakh

(C) ₹1,600 lakh

(D) ₹40 lakh

PASSAGE 2

Sundial Analytics' 25-member Data Science team is split into Machine Learning (ML) specialists and Data Engineering (DE) specialists, with the ML group 50% larger than the DE group. Among ML specialists, 40% hold a certification in NLP; among DE specialists, 30% have five or more years of experience. The firm also tracks two skill certifications across the full team — Cloud and Security. Cloud certification is held by 48% of the team, Security by 32%, and at least one of the two certifications is held by 76% of the team. Separately, HR is onboarding a fresh batch of 9 new joiners — 4 ML and 5 DE — from whom a 3-person project pod will be randomly formed. A shuffled ordinary deck of 52 playing cards is used to deal 3 cards for an office raffle, and ties in the raffle are broken by rolling two fair, independent six-sided dice.

Q7. A 3-person project pod is formed at random from the 9 new joiners (4 ML, 5 DE). What is the probability that the pod is NOT made up entirely of one specialisation (i.e., it has at least one member from each)?

- (A) $1/6$
- (B) $20/21$
- (C) $37/42$
- (D) $5/6$

Q8. 3 cards are dealt from the shuffled 52-card deck for the raffle. What is the probability that at least 2 of the 3 cards are face cards (Jack, Queen or King)?

- (A) $11/85$
- (B) $132/1105$
- (C) $297/2197$
- (D) $64/425$

Q9. Two fair, independent six-sided dice are rolled to break a raffle tie. What is the probability that the sum of the two dice is a multiple of 3 AND at least one die shows a 4?

- (A) $1/3$
- (B) $1/18$
- (C) $1/9$

(D) 11/36

Q10. A 3-member committee is chosen at random from the ML specialists only. What is the probability that none of the 3 committee members is NLP-certified?

(A) 2/91

(B) 53/65

(C) 12/65

(D) 1/6

Q11. 2 of the DE specialists are chosen at random for a client call. What is the probability that at least one of the two has five or more years of experience?

(A) 1/15

(B) 7/15

(C) 23/100

(D) 8/15

Q12. One team member is chosen at random. What is the probability that this member holds the Security certification but NOT the Cloud certification?

(A) 8/25

(B) 6/25

(C) 11/25

(D) 7/25

ANSWER KEY**PASSAGE 1 — EMERALD FOODS PVT LTD (PERCENTAGE)**

Q1. What was the 800 g pack's price per kilogram at launch, three years ago?

Correct Answer: (A) ₹128

Q2. This year, the 1 kg pack's price is what percentage more than the 800 g pack's price per kilogram (this year)?

Correct Answer: (B) 25%

Q3. This year's 800 g pack price per kilogram is what percentage of last year's 1 kg pack price?

Correct Answer: (D) 88%

Q4. What percentage of Emerald's total revenue this year is retained as gross margin?

Correct Answer: (B) 45%

Q5. What is the error percentage in the reported raw-material figure, calculated on the true (corrected) spend?

Correct Answer: (C) 33⅓%

Q6. What was last year's Millet-Crunch-specific revenue?

Correct Answer: (B) ₹400 lakh

PASSAGE 2 — SUNDIAL ANALYTICS (PROBABILITY, WITH PERCENTAGE SYNTHESIS)

Q7. A 3-person project pod is formed at random from the 9 new joiners (4 ML, 5 DE). What is the probability that the pod is NOT made up entirely of one specialisation (i.e., it has at least one member from each)?

Correct Answer: (D) 5/6

Q8. 3 cards are dealt from the shuffled 52-card deck for the raffle. What is the probability that at least 2 of the 3 cards are face cards (Jack, Queen or King)?

Correct Answer: (A) 11/85

Q9. Two fair, independent six-sided dice are rolled to break a raffle tie. What is the probability that the sum of the two dice is a multiple of 3 AND at least one die shows a 4?

Correct Answer: (C) 1/9

Q10. A 3-member committee is chosen at random from the ML specialists only. What is the probability that none of the 3 committee members is NLP-certified?

Correct Answer: (C) 12/65

Q11. [SYNTHESIS] 2 of the DE specialists are chosen at random for a client call. What is the probability that at least one of the two has five or more years of experience?

Correct Answer: (D) 8/15

Q12. [SYNTHESIS] One team member is chosen at random. What is the probability that this member holds the Security certification but NOT the Cloud certification?

Correct Answer: (D) 7/25



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*WHERE ACHIEVERS HELP
YOU ACHIEVE!*



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