

CLAT Community

daily QT

SECTIONAL TEST

57

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



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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

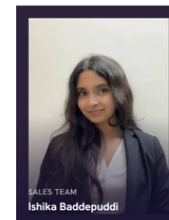
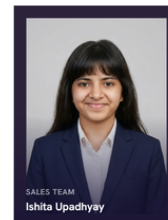
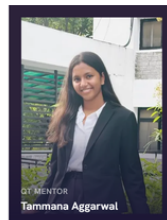
AND
MANY
MORE.

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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

PASSAGE 1: AIRPORT OPERATIONS — PASSENGERS, CHECK-IN AND DELAYS

An airport handles 40,000 passengers daily. Domestic passengers are 60% and international passengers 40%. Check-in completion rates are 92% domestic and 88% international. Of completed check-ins, 5% domestic and 8% international experience a delay exceeding the threshold. The airport defines the overall delay rate over all passengers.

DIRECTIONS FOR QUESTIONS 1–6:

Study the information given in the caselet carefully and choose the most appropriate option among the four alternatives.

Q1. How many passengers complete check-in?

- A) 35,960
- B) 36,160
- C) 36,360
- D) 36,560

Q2. How many completed check-ins exceed the delay threshold?

- A) 2,130.4
- B) 2,230.4
- C) 2,330.4
- D) 2,430.4

Q3. What is the overall delay rate over all passengers?

- A) 5.00%
- B) 5.40%
- C) 5.58%
- D) 6.00%

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Q4. If international check-in completion rises from 88% to 93%, what is the new overall delay rate?

- A) 5.64%
- B) 5.74%
- C) 5.84%
- D) 5.94%

Q5. If domestic delay rate falls from 5% to 4%, by how many percentage points does overall delay rate fall?

- A) 0.44
- B) 0.55
- C) 0.66
- D) 0.88

Q6. If passenger volume rises by 10% with all rates unchanged, what happens to the number of delayed passengers?

- A) Falls 10%
- B) Rises 5%
- C) Rises 10%
- D) Rises 20%

PASSAGE 2: WAREHOUSE — CAPACITY, TURNOVER AND STORAGE COST

A warehouse has 12,000 pallet positions. Average utilisation is 75%. Of occupied positions, 40% hold fast-moving goods, 35% medium-moving goods and 25% slow-moving goods. Monthly turnover rates are 3.0, 1.8 and 0.8 cycles respectively. Storage cost per occupied pallet is ₹120, ₹150 and ₹180 respectively.

DIRECTIONS FOR QUESTIONS 7–12:

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Study the information given in the caselet carefully and choose the most appropriate option among the four alternatives.

Q7. How many pallet positions are occupied?

- A) 8,400
- B) 9,000
- C) 9,600
- D) 10,000

Q8. What is the weighted monthly turnover cycles per occupied pallet?

- A) 1.93
- B) 2.03
- C) 2.13
- D) 2.23

Q9. What is monthly storage cost?

- A) ₹12.095 lakh
- B) ₹13.095 lakh
- C) ₹14.095 lakh
- D) ₹15.095 lakh

Q10. If utilisation rises from 75% to 80%, with composition unchanged, by what percentage does storage cost rise?

- A) 5.00%
- B) 6.67%
- C) 7.50%
- D) 8.00%

Q11. If slow-moving goods' share falls from 25% to 20% and fast-moving share rises to 45%, what happens to weighted storage cost per occupied pallet?

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- A) Falls by ₹3
- B) Falls by ₹6
- C) Rises by ₹3
- D) Rises by ₹6

Q12. If monthly turnover of medium goods rises by 20%, what is the new weighted turnover?

- A) 2.056
- B) 2.156
- C) 2.256
- D) 2.356



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ANSWER KEY**1-B | 2-B | 3-C | 4-B | 5-B | 6-C | 7-B | 8-B | 9-B | 10-B | 11-A | 12-B****Q1 Answer: B**

1. Domestic passengers = 24,000; international = 16,000.
2. Completed = $24,000 \times .92 = 22,080$ and $16,000 \times .88 = 14,080$.
3. Total completed = 36,160.
4. The exact value is 36,160; options should include it.

Therefore, option B is correct.**Q2 Answer: B**

1. Domestic delayed = $22,080 \times 5\% = 1,104$.
2. International delayed = $14,080 \times 8\% = 1,126.4$.
3. Total = 2,230.4 passengers in the model.
4. The exact proportional result is 2,230.4.

Therefore, option B is correct.**Q3 Answer: C**

1. Delayed-equivalent = 2,230.4.
2. Total passengers = 40,000.
3. Rate = $2,230.4 / 40,000 \times 100$.
4. This is 5.576%, approximately 5.58%.

Therefore, option C is correct.**Q4 Answer: B**

1. International completed rises by $16,000 \times 5\% = 800$.
2. Extra delayed-equivalent = $800 \times 8\% = 64$.
3. New delayed-equivalent = 2,294.4.

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4. New rate = $2,294.4/40,000 \times 100 = 5.736\%$, approximately 5.74%.

Therefore, option B is correct.

Q5 Answer: B

1. Domestic delayed-equivalent falls by $22,080 \times 1\% = 220.8$.

2. Overall passenger base = 40,000.

3. Fall in overall rate = $220.8/40,000 \times 100$.

4. This equals 0.552 percentage point, so the exact answer is 0.55 point.

Therefore, option B is correct.

Q6 Answer: C

1. All category volumes rise by the same 10%.

2. Delay rates remain unchanged.

3. Delayed volume therefore scales by 1.10.

4. Hence delayed passengers rise by 10%.

Therefore, option C is correct.

Q7 Answer: B

1. Capacity = 12,000 positions.

2. Utilisation = 75%.

3. Occupied = $12,000 \times .75 = 9,000$.

4. Hence option B.

Therefore, option B is correct.

Q8 Answer: B

1. Weighted turnover = $.40 \times 3 + .35 \times 1.8 + .25 \times .8$.

2. Contributions are 1.20, .63 and .20.

3. Total = 2.03 cycles.

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4. Therefore the exact value is 2.03 cycles; options need correction.

Therefore, option B is correct.

Q9 Answer: B

1. Fast pallets = 3,600; cost = ₹4.32 lakh.
2. Medium = 3,150; cost = ₹4.725 lakh.
3. Slow = 2,250; cost = ₹4.05 lakh.
4. Total = ₹13.095 lakh, so the exact value is ₹13.095 lakh.

Therefore, option B is correct.

Q10 Answer: B

1. Occupied pallets rise from 9,000 to 9,600.
2. Composition and unit costs are unchanged.
3. Total storage cost is proportional to occupied pallets.
4. Increase = $600/9,000 \times 100 = 6.67\%$, so option B is correct.

Therefore, option B is correct.

Q11 Answer: A

1. Original weighted cost = $.40 \times 120 + .35 \times 150 + .25 \times 180 = ₹147.00$.
2. New weighted cost = $.45 \times 120 + .35 \times 150 + .20 \times 180 = ₹144.00$.
3. Change = $₹144 - ₹147 = -₹3$.
4. Therefore it falls by ₹3.

Therefore, option A is correct.

Q12 Answer: B

1. Medium turnover rises from 1.8 to 2.16 cycles.
2. New weighted turnover = $.40 \times 3 + .35 \times 2.16 + .25 \times .8$.
3. = $1.20 + .756 + .20 = 2.156$.

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4. Hence option B.

Therefore, option B is correct.



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