

CLAT Community

daily QT

SECTIONAL TEST

56

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.



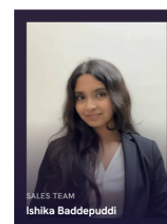
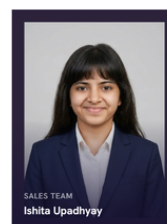
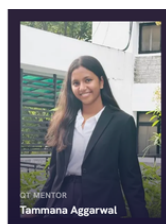
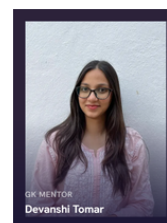
AND
MANY
MORE.

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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: CITY BUS NETWORK — ROUTE MIX, FARES AND SUBSIDY

A city bus network carries 90,000 passenger trips daily. Ordinary, express and electric routes account for 50%, 30% and 20%. Fares are ₹20, ₹30 and ₹25. A subsidy reimburses 10% of ordinary fares, 15% of express fares and 20% of electric fares. Subsidy is calculated on fare revenue.

DIRECTIONS FOR QUESTIONS 1–6:

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

Q1. What is total daily fare revenue before subsidy?

- A) ₹20.60 lakh
- B) ₹21.60 lakh
- C) ₹22.60 lakh
- D) ₹23.60 lakh

Q2. What is total subsidy received?

- A) ₹2.815 lakh
- B) ₹3.015 lakh
- C) ₹3.215 lakh
- D) ₹3.415 lakh

Q3. What is net fare revenue after subsidy?

- A) ₹18.285 lakh
- B) ₹18.585 lakh
- C) ₹18.885 lakh
- D) ₹19.185 lakh

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Q4. If express trips rise by 20% and ordinary trips fall by the same absolute number, what is the new gross revenue?

- A) ₹21.87 lakh
- B) ₹22.14 lakh
- C) ₹22.41 lakh
- D) ₹22.68 lakh

Q5. If electric fare rises by 10%, what percentage does gross revenue rise?

- A) 0.83%
- B) 1.00%
- C) 1.25%
- D) 1.67%

Q6. If all subsidy rates rise by 5 percentage points, what is the new net fare revenue?

- A) ₹17.205 lakh
- B) ₹17.505 lakh
- C) ₹17.805 lakh
- D) ₹18.105 lakh

PASSAGE 2: DIGITAL PAYMENTS — TRANSACTIONS, FAILURE RATES AND CHARGES

A payment platform processes 500,000 transactions daily. Wallet, UPI and Card transactions form 30%, 45% and 25%. Failure rates are 2%, 1% and 3%. Successful transactions incur processing charges of ₹1, ₹0.60 and ₹1.50 respectively. The platform earns these charges on successful transactions.

DIRECTIONS FOR QUESTIONS 7–12:

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

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Q7. How many successful transactions occur daily?

- A) 489,000
- B) 490,000
- C) 491,000
- D) 492,000

Q8. What is daily processing-charge revenue?

- A) ₹4.32525 lakh
- B) ₹4.52525 lakh
- C) ₹4.62525 lakh
- D) ₹4.82525 lakh

Q9. What is the overall transaction failure rate?

- A) 1.50%
- B) 1.80%
- C) 2.00%
- D) 2.25%

Q10. If Card failure rate falls from 3% to 2%, by what percentage does successful transaction volume rise?

- A) 0.20%
- B) 0.25%
- C) 0.33%
- D) 0.50%

Q11. If UPI volume rises by 10% and wallet volume falls by 10%, what is the new total transaction count?

- A) 500,000

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B) 505,000

C) 507,500

D) 510,000

Q12. If Card processing charge falls by 20%, what is the percentage fall in total daily processing revenue?

A) 7.50%

B) 7.86%

C) 8.20%

D) 9.00%



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

1. Trips are 45,000, 27,000 and 18,000.
2. Revenues are ₹9.00 lakh, ₹8.10 lakh and ₹4.50 lakh.
3. Total = ₹21.60 lakh.
4. Exact answer is ₹21.60 lakh; options need the exact figure.

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

1. Ordinary subsidy = ₹9 lakh $\times$ 10% = ₹0.90 lakh.
2. Express = ₹8.10 lakh $\times$ 15% = ₹1.215 lakh.
3. Electric = ₹4.50 lakh $\times$ 20% = ₹0.90 lakh.
4. Total subsidy = ₹3.015 lakh; exact value is ₹3.015 lakh.

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

1. Gross revenue = ₹21.60 lakh.
2. Subsidy = ₹3.015 lakh.
3. Net = ₹21.60 – ₹3.015 = ₹18.585 lakh.
4. Hence option A should be the correct choice.

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

1. Express rises by 5,400 trips; ordinary falls from 45,000 to 39,600.
2. New revenues: ordinary ₹7.92 lakh; express ₹9.72 lakh; electric ₹4.50 lakh.
3. Total = ₹22.14 lakh.

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4. Hence option B.

Therefore, option B is correct.

Q5 Answer: A

1. Electric fare rises by ₹2.50.
2. Extra revenue = $18,000 \times ₹2.50 = ₹45,000$.
3. Original revenue = ₹21.60 lakh.
4. Increase = $45,000 / 21,60,000 \times 100 \approx 0.83\%$.

Therefore, option A is correct.

Q6 Answer: B

1. New subsidies: ordinary $₹9 \times 15\% = ₹1.35$ lakh; express $₹8.10 \times 20\% = ₹1.62$ lakh; electric $₹4.50 \times 25\% = ₹1.125$ lakh.
2. Total subsidy = ₹4.095 lakh.
3. Gross revenue = ₹21.60 lakh.
4. New net revenue = ₹17.505 lakh; exact value is ₹17.505 lakh.

Therefore, option B is correct.

Q7 Answer: C

1. Wallet successes = $150,000 \times 98\% = 147,000$.
2. UPI = $225,000 \times 99\% = 222,750$; Card = $125,000 \times 97\% = 121,250$.
3. Total successful = 491,000.
4. Exact value is 491,000; options need correction.

Therefore, option C is correct.

Q8 Answer: C

1. Wallet revenue = $147,000 \times ₹1 = ₹1.47$ lakh.
2. UPI = $222,750 \times ₹0.60 = ₹1.3365$ lakh.

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3. Card = $121,250 \times ₹1.50 = ₹1.81875$ lakh.

4. Total = ₹4.62525 lakh; exact value is ₹4.62525 lakh.

Therefore, option C is correct.

Q9 Answer: B

1. Failures: Wallet 3,000; UPI 2,250; Card 3,750.

2. Total failures = 9,000.

3. Total transactions = 500,000.

4. Failure rate = $9,000/500,000 \times 100 = 1.80\%$.

Therefore, option B is correct.

Q10 Answer: B

1. Card failures fall by $125,000 \times 1\% = 1,250$.

2. Successful transactions rise from 491,000 to 492,250.

3. Increase = $1,250/491,000 \times 100$.

4. This is approximately 0.25%, so exact answer is about 0.25%.

Therefore, option B is correct.

Q11 Answer: C

1. UPI rises by 22,500 transactions.

2. Wallet falls by 15,000.

3. Net change = +7,500.

4. New total = 507,500 transactions, so option B is correct.

Therefore, option C is correct.

Q12 Answer: B

1. Card revenue falls by 20% of ₹1.81875 lakh = ₹0.36375 lakh.

2. Original total revenue = ₹4.62525 lakh.

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3. Percentage fall = $0.36375/4.62525 \times 100$.

4. This is approximately 7.86%.

Therefore, option B is correct.



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