

SSC CHSL 2025 Most Expected Questions for Tier 1 (Based on Previous Years)

Quantitative Aptitude – Expected Questions

1. A price rises by 20% and consumption falls by 25%. What happens to expenditure?
 A. Increases by 10%
 B. Decreases by 10%
 C. Remains same
 D. Decreases by 5%

Answer: B — Decreases by 10%.

Solution: New expenditure factor = $1.20 \times 0.75 = 0.90 \rightarrow 10\%$ decrease.

2. Find Simple Interest on ₹5000 at 8% p.a. for 2 years.
 A. ₹700
 B. ₹800
 C. ₹900
 D. ₹1000

Answer: B — ₹800.

Solution: $SI = P \times R \times T / 100 = 5000 \times 8 \times 2 / 100 = 800$.

3. Compound Interest on ₹4000 at 10% p.a. for 2 years (annual compounding) is:
 A. ₹400
 B. ₹800
 C. ₹840
 D. ₹880

Answer: C — ₹840.

Solution: $CI = 4000[(1.10)^2 - 1] = 4000(1.21 - 1) = 4000 \times 0.21 = 840$.

4. Marked price (MP) is 25% above cost price (CP). A discount of 10% is given on MP. Profit percent is:
 A. 10%
 B. 11.25%
 C. 12.5%
 D. 15%

Answer: C — 12.5%.

Solution: Let $CP = 100 \rightarrow MP = 125 \rightarrow SP = 125 \times 0.9 = 112.5 \rightarrow \text{Profit} = 112.5 - 100 = 12.5\%$.

5. If $A : B = 3 : 5$ and $B : C = 10 : 12$, then $A : B : C =$
 A. $3 : 5 : 6$
 B. $6 : 10 : 12$

C. 3 : 10 : 12

D. 9 : 15 : 18

Answer: A — 3 : 5 : 6.

Solution: Make B common: $A:B = 3:5 \rightarrow \times 2 \rightarrow 6:10$; $B:C = 10:12 \rightarrow \text{combine} \rightarrow 6:10:12$
 \rightarrow simplify divide by 2 $\rightarrow 3:5:6$.

6. A completes a task in 12 days and B in 18 days. Working together they will finish in:

A. 6 days

B. 7.2 days

C. 8 days

D. 10 days

Answer: B — 7.2 days.

Solution: Work rate = $1/12 + 1/18 = (3+2)/36 = 5/36 \rightarrow \text{Time} = 36/5 = 7.2$ days.

7. A car saves 30 minutes by increasing its speed by 10 km/h over a distance of 150 km. The original speed of the car is:

A. 40 km/h

B. 45 km/h

C. 50 km/h

D. 60 km/h

Answer: C — 50 km/h.

Solution: Let original speed = x . Time saved = $150/x - 150/(x+10) = 0.5$ hour. Solve:
 $150(x+10) - 150x = 0.5x(x+10) \rightarrow 1500 = 0.5x^2 + 5x \rightarrow x^2 + 10x - 3000 = 0 \rightarrow x = 50$
 (positive root).

8. The average of 5 numbers is 28. One number 34 is replaced by 24. The new average is:

A. 25

B. 26

C. 27

D. 28

Answer: B — 26.

Solution: Original sum = $5 \times 28 = 140$. New sum = $140 - (34 - 24) = 130$. New average = $130/5 = 26$.

9. In a right triangle the two legs are 6 and 8. The hypotenuse, area and perimeter respectively are:

A. 10; 24; 24

B. 10; 14; 24

C. 12; 24; 26

D. 10; 24; 26

Answer: A — 10; 24; 24.

Solution: Hypotenuse = $\sqrt{(6^2 + 8^2)} = \sqrt{(36+64)} = \sqrt{100} = 10$. Area = $(6 \times 8)/2 = 24$.
 Perimeter = $6+8+10 = 24$.

10. If $\tan \theta = 3/4$, evaluate $(1 + \sin \theta) / (1 + \cos \theta)$.

- A. $3/4$
- B. $4/5$
- C. $8/9$
- D. $5/4$

Answer: C — $8/9$.

Solution: For $\tan \theta = 3/4$, take $\sin \theta = 3/5$ and $\cos \theta = 4/5$. Then $(1 + \sin \theta)/(1 + \cos \theta) = (1 + 3/5)/(1 + 4/5) = (8/5)/(9/5) = 8/9$.

Reasoning – Expected Questions

Q11. Analogy: Doctor : Stethoscope :: Carpenter : ?

- A. Needle
- B. Saw
- C. Hammer
- D. Spanner

Answer: B or C (Saw/Hammer are both valid tools for a carpenter).

Q12. Series: 2, 5, 11, 23, 47, ?

- A. 95
- B. 93
- C. 99
- D. 97

Answer: A. 95 (Pattern: $\times 2 + 1$).

Q13. Coding: If CAT \rightarrow DBU, then DOG \rightarrow ?

- A. ENH
- B. EOH
- C. DPH
- D. ENJ

Answer: A. ENH.

Q14. Blood Relation: A is B's father's sister's son. A is B's?

- A. Brother
- B. Cousin
- C. Uncle
- D. Nephew

Answer: B. Cousin.

Q15. Direction: Start North, turn right 5 m, right 3 m, left 2 m. Displacement from start?

- A. 5 m East
- B. 5.83 m East-South
- C. 6 m South-East

D. 10 m North

Answer: B. 5.83 m approx. (using Pythagoras).

Q16. Odd One Out: Square, Triangle, Rectangle, Circle

A. Square

B. Triangle

C. Rectangle

D. Circle

Answer: D. Circle (others are polygons).

Q17. Syllogism: All pens are tools. Some tools are red. Conclusions?

A. Some pens are red

B. Some tools are pens

C. All red are pens

D. None

Answer: B. Some tools are pens (correct).

Q18. Ranking: In a row of 35, A is 12th from left. Position from right?

A. 22

B. 23

C. 24

D. 25

Answer: B. 24 ($35 - 12 + 1$).

Q19. Alphanumeric: Count vowels in A3B5E2I4O1U.

A. 4

B. 5

C. 6

D. 7

Answer: B. 5 (A, E, I, O, U).

Q20. Calendar: If 1 Jan is Monday, what day is 1 Feb (non-leap year)?

A. Wednesday

B. Thursday

C. Friday

D. Saturday

Answer: A. Wednesday (31 days $\rightarrow +3$ days).

English – Expected Questions

Q21. Error Spotting: She don't knows to swim.

A. No error

B. She don't

- C. knows
- D. to swim

Answer: B. She doesn't know how to swim.

Q22. Fill in the blank: He is good _ Mathematics.

- A. in
- B. on
- C. at
- D. with

Answer: C. at.

Q23. Synonym of *lucid*.

- A. Clear
- B. Dark
- C. Hidden
- D. Confusing

Answer: A. Clear.

Q24. Antonym of *augment*.

- A. Increase
- B. Reduce
- C. Expand
- D. Enhance

Answer: B. Reduce.

Q25. One-word: A person who writes about lives of others.

- A. Autobiographer
- B. Biographer
- C. Editor
- D. Novelist

Answer: B. Biographer.

Q26. Idiom: *Beat around the bush*.

- A. Speak frankly
- B. Avoid the main point
- C. Hit the ground
- D. Take rest

Answer: B. Avoid the main point.

Q27. Active → Passive: They are repairing the road.

- A. The road is repaired.
- B. The road has been repaired.
- C. The road is being repaired.
- D. The road was repaired.

Answer: C. The road is being repaired.

Q28. Direct → Indirect: He said, "I am busy now."

- A. He said he was busy then.
- B. He said he is busy now.
- C. He said he had been busy.
- D. He said he will be busy.

Answer: A. He said he was busy then.

General Awareness – Expected Questions

Q29. First Battle of Panipat was fought in?

- A. 1526
- B. 1556
- C. 1761
- D. 1857

Answer: A. 1526.

Q30. Article related to Finance Commission?

- A. Article 270
- B. Article 280
- C. Article 300
- D. Article 356

Answer: B. Article 280.

Q31. RBI established in (year)?

- A. 1930
- B. 1935
- C. 1947
- D. 1950

Answer: B. 1935.

Q32. Chemical symbol of Sodium?

- A. S
- B. So
- C. Na
- D. Sd

Answer: C. Na.

Q33. Longest river within India?

- A. Indus
- B. Brahmaputra
- C. Godavari

D. Ganga

Answer: C. Godavari.

Q34. SI unit of Electric Current?

A. Ohm

B. Watt

C. Ampere

D. Volt

Answer: C. Ampere.

Q35. GST was launched in India in?

A. 2015

B. 2016

C. 2017

D. 2018

Answer: C. 2017.