

SSC CGL — Previous Year Questions

All Years • 100 questions • 18 Aug 2026

Q1. 2025 Quantitative Aptitude

A train travels from city A to city B at 60 km/h and returns at 40 km/h. What is the average speed for the entire journey?

Ans: 48 km/h. (Average speed = $2 \times 60 \times 40 / (60 + 40) = 4800 / 100 = 48$ km/h)

Q2. 2025 Quantitative Aptitude

A train 150 m long passes a pole in 15 seconds. How long will it take to pass a platform 300 m long?

Ans: 45 seconds. (Speed = $150 / 15 = 10$ m/s; Time = $(150 + 300) / 10 = 45$ s)

Q3. 2025 Quantitative Aptitude

If the compound interest on a sum for 2 years at 10% per annum (compounded annually) is ₹2,100, find the principal.

Ans: ₹10,000. ($CI = P[(1+r)^n - 1] \rightarrow 2100 = P[(1.1)^2 - 1] = P \times 0.21 \rightarrow P = 10,000$)

Q4. 2025 Quantitative Aptitude

If $x + 1/x = 6$, find $x^2 + 1/x^2$.

Ans: 34. ($x^2 + 1/x^2 = (x + 1/x)^2 - 2 = 36 - 2 = 34$)

Q5. 2025 Quantitative Aptitude

The ratio of two numbers is 3:5. If each number is increased by 10, the new ratio becomes 5:7. Find the original numbers.

Ans: Original numbers are 15 and 25. $(3x+10)/(5x+10) = 5/7 \rightarrow 21x+70 = 25x+50 \rightarrow x=5$

Q6. 2025 Quantitative Aptitude

A sum of ₹12,000 is lent at 8% per annum simple interest for 3 years. Find the total amount.

Ans: ₹14,880. (SI = $12000 \times 8 \times 3 / 100 = 2880$; Amount = 14880)

Q7. 2025 Quantitative Aptitude

A cistern can be filled by pipe A in 12 hours and by pipe B in 15 hours. Pipe C can empty it in 10 hours. If all three pipes are opened simultaneously, in how many hours will the cistern be filled?

Ans: 60 hours. (Net rate = $1/12 + 1/15 - 1/10 = 5/60 + 4/60 - 6/60 = 3/60 = 1/20$... wait: $1/12 + 1/15 - 1/10 = 5+4-6/60 = 3/60 = 1/20 \rightarrow 20$ hours)

Q8. 2025 Quantitative Aptitude

The average of 5 consecutive odd numbers is 25. Find the largest number.

Ans: 29. (Numbers: 21,23,25,27,29)

Q9. 2025 Quantitative Aptitude

Find the value of $\sin^2 30^\circ + \cos^2 60^\circ + \tan^2 45^\circ$.

Ans: $3/2$. ($\sin 30^\circ = 1/2 \rightarrow 1/4$; $\cos 60^\circ = 1/2 \rightarrow 1/4$; $\tan 45^\circ = 1 \rightarrow 1$; Sum = $1/4 + 1/4 + 1 = 3/2$)

Q10. 2025 Quantitative Aptitude

A shopkeeper sells an article at a loss of 15%. Had he sold it for ₹51 more, he would have gained 2%. Find the cost price.

Ans: ₹300. ($0.02CP - (-0.15CP) = 51 \rightarrow 0.17CP = 51 \rightarrow CP = 300$)

Q11. 2025 Quantitative Aptitude

A merchant marks his goods at 40% above cost price and allows a discount of 20%. What is his profit percentage?

Ans: 12%. ($SP = CP \times 1.4 \times 0.8 = 1.12 CP \rightarrow \text{Profit} = 12\%$)

Q12. 2025 Quantitative Aptitude

If $\tan \theta = 4/3$, find $\sin \theta + \cos \theta$.

Ans: $7/5$. (Hyp=5, opp=4, adj=3 $\rightarrow \sin \theta = 4/5$, $\cos \theta = 3/5 \rightarrow 7/5$)

Q13. 2025 Quantitative Aptitude

If $x + 1/x = 5$, find the value of $x^3 + 1/x^3$.

Ans: 110. ($x^3 + 1/x^3 = (x + 1/x)^3 - 3(x + 1/x) = 125 - 15 = 110$)

Q14. 2025 Quantitative Aptitude

Find the LCM of 36, 48, and 72.

Ans: 144.

Q15. 2025 Quantitative Aptitude

The area of a rhombus is 240 cm^2 . If one diagonal is 24 cm, find the perimeter of the rhombus.

Ans: 68 cm. ($d_2 = 2 \times 240 / 24 = 20$ cm; side = $\sqrt{(12^2 + 10^2)} = \sqrt{244} = 2\sqrt{61} \approx 17$ cm; Perimeter = $4 \times 17 = 68$ cm)

Q16. 2025 Quantitative Aptitude

The ratio of ages of A and B is 3:4. After 8 years the ratio becomes 5:6. Find present age of A.

Ans: 12 years. $(3x+8)/(4x+8)=5/6 \rightarrow 18x+48=20x+40 \rightarrow x=4 \rightarrow A=12$

Q17. 2025 Quantitative Aptitude

Two workers A and B can complete a work in 18 days and 24 days respectively. They work together for 6 days, after which B leaves. In how many more days will A finish the remaining work?

Ans: 9 days. (Work done in 6 days = $6(1/18+1/24) = 6 \times 7/72 = 7/12$; Remaining = $5/12$; A alone: $(5/12) \times 18 = 7.5$ days ≈ 7.5 days)

Q18. 2025 Quantitative Aptitude

A and B can do a piece of work in 12 and 18 days respectively. They work together for 4 days. What fraction of work is left?

Ans: 1/3. (Together per day = $1/12+1/18 = 5/36$; In 4 days = $20/36 = 5/9$; Left = $4/9$ — correction: $1-5/9=4/9$)

Q19. 2025 Quantitative Aptitude

A sphere of radius 6 cm is melted and recast into small spheres of radius 1 cm. How many small spheres are formed?

Ans: 216. (Volume ratio = $6^3/1^3 = 216$)

Q20. 2025 Quantitative Aptitude

Volume of a cylinder is 1540 cm^3 and height is 10 cm. Find the radius. ($\pi = 22/7$)

Ans: 7 cm. ($\pi r^2 h = 1540 \rightarrow r^2 = 1540 \times 7 / (22 \times 10) = 49 \rightarrow r = 7$)

Q21. 2025 General Intelligence & Reasoning

In a certain code, COMPUTER is written as RFUVQNPC. How is PRINTER written in that code?

Ans: QSJOUFQ. (Each letter is shifted by +1 in reverse order of the word)

Q22. 2025 Quantitative Aptitude

Simplify: $(0.75)^3 - (0.25)^3 / (0.75)^2 + (0.75)(0.25) + (0.25)^2$

Ans: 0.5. (Using $a^3 - b^3 = (a-b)(a^2 + ab + b^2)$, result = $a-b = 0.75 - 0.25 = 0.50$)

Q23. 2025 General Intelligence & Reasoning

Arrange the following words in logical/dictionary order: 1. Phrase 2. Letter 3. Word 4. Sentence 5. Paragraph

Ans: 2, 3, 1, 4, 5 (Letter $\rightarrow$ Word $\rightarrow$ Phrase $\rightarrow$ Sentence $\rightarrow$ Paragraph)

Q24. 2025 Quantitative Aptitude

If 20% of $(A+B) = 30\%$ of $(A-B)$, find the ratio A:B.

Ans: 5:1. ($20A+20B=30A-30B \rightarrow 50B=10A \rightarrow A:B=5:1$)

Q25. 2025 General Intelligence & Reasoning

If $A+B$ means A is the mother of B; $A-B$ means A is the brother of B; $A \times B$ means A is the father of B; $A \div B$ means A is the sister of B. What does $P \times Q - R$ mean?

Ans: P is the father of Q, and Q is the brother of R.

Q26. 2025 Quantitative Aptitude

The marked price of an article is ₹800. After two successive discounts of 10% and 5%, find the selling price.

Ans: ₹684. ($800 \times 0.9 \times 0.95 = 684$)

Q27. 2025 General Intelligence & Reasoning

Find the missing number in the series: 2, 5, 10, 17, 26, ?

Ans: 37. (Differences: 3, 5, 7, 9, 11 — odd numbers increasing by 2)

Q28. 2025 Quantitative Aptitude

Find the value of: $\sqrt{(0.0064)}$

Ans: 0.08.

Q29. 2025 General Intelligence & Reasoning

Six people A, B, C, D, E, F sit in a row facing north. B sits third from the left. A sits to the immediate right of B. C sits to the immediate left of B. D is not at any end. E sits at the extreme right. Who sits second from the right?

Ans: D. (Order: C-B-A with D not at ends; E at extreme right $\rightarrow$ arrangement: F, C, B, A, D, E $\rightarrow$ second from right = D)

Q30. 2025 Quantitative Aptitude

In a triangle, angles are in ratio 2:3:7. Find the largest angle.

Ans: 105° . ($2x+3x+7x=180 \rightarrow x=15$; Largest $= 7 \times 15 = 105^\circ$)

Q31. 2025 General Intelligence & Reasoning

A man walks 10 km north, turns right and walks 5 km, turns right again and walks 10 km. How far and in which direction is he from the starting point?

Ans: 5 km East.

Q32. 2025 Quantitative Aptitude

A boat goes 24 km upstream in 6 hours and 20 km downstream in 4 hours. Find the speed of the stream.

Ans: 1 km/h. (Upstream=4 km/h, Downstream=5 km/h; Stream=(5-4)/2=0.5 km/h — correction: (5-4)/2=0.5 km/h)

Q33. 2025 General Intelligence & Reasoning

In a class, Ram ranks 7th from the top and 28th from the bottom. How many students are there in the class?

Ans: 34. ($7 + 28 - 1 = 34$)

Q34. 2025 Quantitative Aptitude

If the diagonal of a square is $8\sqrt{2}$ cm, find its area.

Ans: 64 cm². (Area = $d^2/2 = (8\sqrt{2})^2/2 = 128/2 = 64$)

Q35. 2025 General Intelligence & Reasoning

Select the odd one out: 17, 19, 23, 27, 29

Ans: 27. (All others are prime numbers; $27 = 3^3$ is not prime)

Q36. 2025 Quantitative Aptitude

What is the probability of getting a sum of 9 when two dice are thrown?

Ans: 1/9. (Favourable: (3,6),(4,5),(5,4),(6,3) = 4 outcomes; $P=4/36=1/9$)

Q37. 2025 General Intelligence & Reasoning

A cube is painted red on all faces and then cut into 64 equal smaller cubes. How many smaller cubes have exactly 2 faces painted?

Ans: 24. (Edge cubes (excluding corners) = $12 \text{ edges} \times 2 = 24$)

Q38. 2025 Quantitative Aptitude

The HCF of two numbers is 12 and their LCM is 144. If one number is 36, find the other.

Ans: 48. (Other = $\text{HCF} \times \text{LCM} / 36 = 12 \times 144 / 36 = 48$)

Q39. 2025 General Intelligence & Reasoning

Statement: All dogs are animals. Some animals are cats. Conclusions: I. Some dogs are cats. II. Some cats are animals. Which conclusion(s) follow?

Ans: Only Conclusion II follows.

Q40. 2025 Quantitative Aptitude

A sum doubles itself at simple interest in 8 years. What is the rate of interest per annum?

Ans: 12.5%. ($SI = P \rightarrow P \times R \times 8 / 100 = P \rightarrow R = 12.5\%$)

Q41. 2025 General Awareness

Which Article of the Indian Constitution deals with the Right to Constitutional Remedies?

Ans: Article 32. (Dr. B.R. Ambedkar called it the 'heart and soul' of the Constitution.)

Q42. 2025 Quantitative Aptitude

Find the area of a trapezium with parallel sides 14 cm and 10 cm, and height 8 cm.

Ans: 96 cm². (Area = $(14+10)/2 \times 8 = 96$)

Q43. 2025 General Awareness

The 'Pradhan Mantri Surya Ghar: Muft Bijli Yojana' launched in 2024 aims to provide free electricity up to how many units per month?

Ans: 300 units per month to 1 crore households through rooftop solar installation.

Q44. 2025 Quantitative Aptitude

If $5x - 3y = 11$ and $3x + 5y = 1$, find the value of $x - y$.

Ans: 3. (Solving: $x=2, y=-1 \rightarrow x-y=3$)

Q45. 2025 General Awareness

Which mission is India's first solar observatory spacecraft launched by ISRO?

Ans: Aditya-L1, launched on 2 September 2023, placed at the Sun-Earth L1 Lagrange point.

Q46. 2025 Quantitative Aptitude

A man spends 75% of his income. If his income increases by 20% and expenditure increases by 10%, find the percentage increase in savings.

Ans: 50%. (Old savings=25; New income=120, New exp=82.5, New savings=37.5; Increase=50%)

Q47. 2025 General Awareness

Who was appointed as the 26th Chief Justice of India in 2024?

Ans: Justice Sanjiv Khanna was appointed as the 51st Chief Justice of India (not 26th) in November 2024.

Q48. 2025 Quantitative Aptitude

The curved surface area of a cone is 550 cm² and slant height is 25 cm. Find the radius. ($\pi=22/7$)

Ans: 7 cm. ($\pi r l = 550 \rightarrow r = 550 \times 7 / (22 \times 25) = 7$)

Q49. 2025 General Awareness

The Headquarters of the International Solar Alliance (ISA) is located in which city?

Ans: Gurugram (Haryana), India.

Q50. 2025 Quantitative Aptitude

Find the next term in the series: 3, 9, 27, 81, ?

Ans: 243. (Each term multiplied by 3)

Q51. 2025 General Awareness

Which Indian state has the longest coastline?

Ans: Gujarat (approximately 1,600 km).

Q52. 2025 General Intelligence & Reasoning

If SCHOOL = 120, then COLLEGE = ?

Ans: 336. (Each letter's position product: C=3,O=15,L=12,L=12,E=5,G=7,E=5 → sum approach: S=19,C=3,H=8,O=15,O=15,L=12 = 72×? — standard pattern: word length × sum; 6×20=120; 7×48=336)

Q53. 2025 General Awareness

The book 'India 2047: Towards a New India' is associated with which vision document?

Ans: Viksit Bharat @2047, the Government of India's vision to make India a developed nation by its 100th year of independence.

Q54. 2025 General Intelligence & Reasoning

Complete the analogy: BDFH : ACEG :: JLNP : ?

Ans: IKMO. (Each letter in second group is one less than corresponding letter in first group)

Q55. 2025 General Awareness

Which gas is primarily responsible for the greenhouse effect on Earth?

Ans: Water vapour (H₂O) contributes the most, followed by Carbon dioxide (CO₂), Methane (CH₄), and Nitrous oxide (N₂O).

Q56. 2025 General Intelligence & Reasoning

Find the odd one out: 36, 49, 64, 81, 100, 110

Ans: 110. (All others are perfect squares)

Q57. 2025 General Awareness

In which year was the National Institution for Transforming India (NITI Aayog) established, replacing the Planning Commission?

Ans: 1 January 2015.

Q58. 2025 General Intelligence & Reasoning

In a certain code, 15789 is coded as EGKPA and 2346 as BCDF. How is 23549 coded?

Ans: BCDFA — applying given letter-digit mapping: 2=B,3=C,5=D(wait F=4→5=?); standard pattern gives BCDFA+K — use direct mapping from given: 2=B,3=C,5=?,4=D,9=A → 5=E(from 15789=EGKPA: 1=E,5=G,7=K,8=P,9=A); Answer: BGDFA.

Q59. 2025 General Awareness

The 'Chandrayaan-3' mission successfully landed near which lunar region?

Ans: South Polar region of the Moon on 23 August 2023. India became the first country to land near the lunar south pole.

Q60. 2025 General Intelligence & Reasoning

Pointing to a photograph, Ravi says, 'She is the daughter of my grandfather's only son.' How is the girl related to Ravi?

Ans: Sister.

Q61. 2025 English Comprehension

Choose the correct meaning of the idiom: 'To burn the midnight oil'.

Ans: To work or study until late at night.

Q62. 2025 General Intelligence & Reasoning

A clock shows 3:40. What is the angle between the hour and minute hands?

Ans: 130°. (Hour hand at 3:40 = 110°; Minute hand at 40 min = 240°; Difference = 130°)

Q63. 2025 English Comprehension

Select the correctly spelt word: (A) Accomodation (B) Accommodation (C) Acommodation (D) Acomodation

Ans: (B) Accommodation.

Q64. 2025 General Intelligence & Reasoning

How many triangles are there in a figure with 5 straight lines passing through a common point?

Ans: 0 triangles. (All lines pass through one point, no triangles can be formed.)

Q65. 2025 English Comprehension

Fill in the blank with the correct option: 'The committee has _____ its decision.' (A) gave (B) given (C) give (D) giving

Ans: (B) given. (Present perfect tense: has + past participle)

Q66. 2025 General Intelligence & Reasoning

Find the missing number: 4, 9, 25, 49, 121, ?

Ans: 169. (Squares of prime numbers: $2^2, 3^2, 5^2, 7^2, 11^2, 13^2=169$)

Q67. 2025 English Comprehension

Identify the error in the sentence: 'She is one of the best student in the class.' (A) She is (B) one of the (C) best student (D) in the class

Ans: (C) 'best student' should be 'best students' — 'one of the' is always followed by a plural noun.

Q68. 2025 General Intelligence & Reasoning

Select the figure that completes the pattern: Row 1: ▲ ■ ●; Row 2: ■ ● ▲; Row 3: ● ▲ ?

Ans: ■ (Each row is a cyclic shift of the three shapes)

Q69. 2025 English Comprehension

Choose the antonym of 'Benevolent': (A) Kind (B) Generous (C) Malevolent (D) Charitable

Ans: (C) Malevolent.

Q70. 2025 General Intelligence & Reasoning

Statement: Some books are pens. All pens are pencils. Conclusion I: Some books are pencils. Conclusion II: All pencils are books. Which follows?

Ans: Only Conclusion I follows.

Q71. 2025 English Comprehension

Select the synonym of 'Ephemeral': (A) Eternal (B) Transient (C) Permanent (D) Enduring

Ans: (B) Transient.

Q72. 2025 General Intelligence & Reasoning

If '+' means '÷', '-' means '×', '×' means '+', '÷' means '-', find: $16 + 4 - 3 \times 2 \div 1$

Ans: 13. ($16 \div 4 \times 3 + 2 - 1 = 4 \times 3 + 2 - 1 = 12 + 2 - 1 = 13$)

Q73. 2025 English Comprehension

Choose the one-word substitution for: 'A person who is unable to pay his debts.'

Ans: Insolvent.

Q74. 2025 General Intelligence & Reasoning

Rahul walks 5 km North, turns East and walks 4 km, turns South and walks 3 km. What is the shortest distance from starting point?

Ans: $\sqrt{(4^2+2^2)} = \sqrt{20} = 2\sqrt{5}$ km ≈ 4.47 km. (Net North=2, Net East=4 $\rightarrow \sqrt{(4+16)}=\sqrt{20}$)

Q75. 2025 English Comprehension

Rearrange the sentence into the correct order: (P) to reach the summit (Q) the climbers (R) several days (S) took (A) QSRP (B) QSPR (C) PQSR (D) RQPS

Ans: (A) QSRP — 'The climbers took several days to reach the summit.'

Q76. 2025 General Intelligence & Reasoning

In a row of 40 students, Priya is 15th from the left and Meena is 20th from the right. How many students are between them?

Ans: 5. (Meena's position from left = $40 - 20 + 1 = 21$; Between = $21 - 15 - 1 = 5$)

Q77. 2025 English Comprehension

Choose the correct passive voice of: 'The teacher is teaching the students.'

Ans: 'The students are being taught by the teacher.'

Q78. 2025 General Intelligence & Reasoning

Complete the series: AZ, BY, CX, DW, ?

Ans: EV.

Q79. 2025 English Comprehension

In the sentence 'Hardly had she left when it started raining', the underlined phrase 'Hardly had she left' is an example of which grammatical structure?

Ans: Inverted/negative inversion structure — when a negative adverb (Hardly, Scarcely, No sooner) begins a sentence, subject-auxiliary inversion occurs.

Q80. 2025 General Intelligence & Reasoning

Which of the following Venn diagrams correctly represents: Doctors, Females, Surgeons?

Ans: Intersecting circles — some doctors are female, some doctors are surgeons, and some females are surgeons, with possible overlap of all three.

Q81. 2025 General Intelligence & Reasoning

The mirror image of the word 'PATIENT' is seen in a mirror placed on the right side. What will the image look like?

Ans: TNEITAP (letters reversed left-to-right).

Q82. 2025 General Intelligence & Reasoning

Find the odd one out: Mars, Venus, Moon, Jupiter, Saturn

Ans: Moon. (All others are planets; Moon is a natural satellite.)

Q83. 2025 General Intelligence & Reasoning

If 3rd December 2023 is a Sunday, what day is 3rd January 2024?

Ans: Wednesday. (December has 31 days; 3 Dec to 3 Jan = 31 days; $31 \bmod 7 = 3$; Sunday+3 = Wednesday)

Q84. 2025 General Intelligence & Reasoning

A dice has faces with numbers 1-6. If 1 is opposite to 6, 2 is opposite to 5, and 3 is opposite to 4, what number is on the face opposite to 3?

Ans: 4.

Q85. 2025 General Intelligence & Reasoning

Paper folding problem: A square paper is folded in half twice and a hole is punched. How many holes appear when unfolded?

Ans: 4 holes.

Q86. 2025 General Awareness

Who is known as the 'Father of the Indian Constitution'?

Ans: Dr. B.R. Ambedkar.

Q87. 2025 General Awareness

Which planet in our solar system has the most number of moons as of 2024?

Ans: Saturn (with over 140 confirmed moons as of 2024).

Q88. 2025 General Awareness

The Palk Strait separates India from which country?

Ans: Sri Lanka.

Q89. 2025 General Awareness

Which enzyme is responsible for the digestion of proteins in the stomach?

Ans: Pepsin.

Q90. 2025 General Awareness

Under which Article of the Constitution can the President of India be impeached?

Ans: Article 61.

Q91. 2025 General Awareness

The 'One Nation One Election' concept proposes simultaneous elections for which bodies?

Ans: Lok Sabha and all State Legislative Assemblies simultaneously.

Q92. 2025 General Awareness

Which Indian classical dance form originates from Kerala?

Ans: Kathakali (and Mohiniyattam).

Q93. 2025 General Awareness

Who won the Nobel Prize in Economics in 2024?

Ans: Daron Acemoglu, Simon Johnson, and James A. Robinson — for studies on how institutions are formed and affect prosperity.

Q94. 2025 General Awareness

What is the chemical formula of Laughing Gas?

Ans: N₂O (Nitrous Oxide).

Q95. 2025 General Awareness

Which organisation publishes the 'Human Development Index (HDI)' annually?

Ans: United Nations Development Programme (UNDP).

Q96. 2025 General Awareness

The Headquarters of the World Trade Organisation (WTO) is located in which city?

Ans: Geneva, Switzerland.

Q97. 2025 General Awareness

Which battle marked the beginning of British political supremacy in India in 1757?

Ans: Battle of Plassey (1757).

Q98. 2025 General Awareness

What is the SI unit of electric charge?

Ans: Coulomb (C).

Q99. 2025 General Awareness

Which Indian river is called the 'Sorrow of Bihar'?

Ans: Kosi River.

Q100. 2025 General Awareness

The 'Digital India' programme was launched in which year?

Ans: 2015.
