

SSC CGL Tier 1 Question Paper PDF

15 September 2025 Shift 1

Q1. Evaluate: $(4 + 5) \times (7 - 2) = ?$

- (a) 35
- (b) 40
- (c) 45
- (d) 50

Q2. Which of the following addresses are identical?

1. Vill. Rampur, PO Rampur, Dist. Aligarh - 202001
 2. Vill Rampur, PO Rampur, Dist Aligarh - 202010
 3. Vill. Rampur, PO Rampur, Dist. Aligarh - 202001
- (a) 1 only
 - (b) 2 only
 - (c) 1 and 3 only
 - (d) All three

Q3. "Science advances rapidly with innovation." If the 2nd letter of every 2nd word is written in order, what word is formed?

- (a) ae
- (b) di
- (c) ai
- (d) nr

Q4. A shopkeeper buys 5 pens at ₹12 each and 3 pencils at ₹8 each. What is the total cost?

- (a) ₹84
- (b) ₹88
- (c) ₹90
- (d) ₹96

Q5. Rani said, "The man in the photo is my mother's brother." How is the man related to Rani?

- (a) Uncle
- (b) Father
- (c) Cousin
- (d) Grandfather

Q6. If # = +, @ = ×, % = -, then find the value of: $(6 @ 3) \% 4 \# 5?$

- (a) 17
- (b) 18
- (c) 19
- (d) 20

Q7. What will come at the place of question mark (?)

1, 2, 6, 21, 88, ?

- (a) 440
- (b) 441
- (c) 442
- (d) 445

Q8. Identify the assumptions that must hold true.

Statement:

Online education has expanded access to learning worldwide.

Assumptions:

- I. Internet access is widely available.
- II. Learners are willing to adapt to digital platforms.

- (a) Only I
- (b) Only II
- (c) Both I and II
- (d) Neither I nor II

Q9. Select the letter-cluster that can replace (?)

HLPT, HOUA, HRZH, ?

- (a) HUEO
- (b) HUFO
- (c) HVEO
- (d) HUEP

Q10. Find the odd one out.

- (a) Lok Sabha
- (b) Rajya Sabha
- (c) Vidhan Sabha
- (d) Supreme Court

Q11. Which term is wrong in the series?

3, 6, 13, 18, 27, 38

- (a) 6
- (b) 13
- (c) 27
- (d) 38

Q12. If $6 \# 3 = 18$ and $8 \# 4 = 32$, then $10 \# 5 = ?$

- (a) 40
- (b) 45
- (c) 50
- (d) 55

Q13. How many meaningful four-letter English words can be formed using the first, second, third and fourth letters of the word "PLANT", using each letter once?

- (a) One

- (b) Two
- (c) Three
- (d) Four

Q14. If 'x' means '-', '-' means '+', '+' means '÷' and '÷' means 'x', which of the following is correct?

- (a) $12 \times 4 - 2 = 10$
- (b) $15 - 3 + 6 = 18$
- (c) $10 + 5 \div 3 = 4$
- (d) $8 \div 4 \times 2 = 6$

Q15. In the following question, a pair of letters is given with its product of alphabetical positions. Identify the correct product.

CD : 12 :: EF : ?

- (a) 30
- (b) 36
- (c) 42
- (d) 48

Q16. If "APPLE" is coded as "CRRNG", how is "GRAPE" written?

- (a) ISCRG
- (b) ITCRG
- (c) ITCSG
- (d) HSBRF

Q17. If '+' means 'x', '-' means '÷', 'x' means '+' and '÷' means '-', find the value of:

$$16 + 4 - 2 \times 3$$

- (a) 25
- (b) 30
- (c) 40
- (d) 35

Q18. If '+' means '÷', '-' means 'x', 'x' means '+' and '÷' means '-', then find the value of:

$$8 + 4 - 2 \times 3 \div 1?$$

- (a) 5
- (b) 6
- (c) 7
- (d) 8

Q19. If FLOWER is written as GMPXFS, how is GARDEN written in the same code?

- (a) HBSEFO
- (b) HBTGFO
- (c) HBSDFO
- (d) HCTEFO

Q20. Select the letter-cluster that can replace (?)

GEA, LIH, QMO, ?

- (a) QVV
- (b) VQU

- (c) UQV
- (d) VQV

Q21. Read the statement and identify the conclusion.

Statement:

The company doubled its profits this year.

Conclusions:

- I. The company performed better than last year.
- II. Profits were lower in previous years.

- (a) Only I follows
- (b) Only II follows
- (c) Both follow
- (d) Neither follows

Q22. A is the brother of B. C is the father of A. D is the son of C. How is D related to B?

- (a) Cousin
- (b) Brother
- (c) Uncle
- (d) Nephew

Q23. If '#' means addition, '@' means subtraction, '\$' means multiplication and '%' means division, then find the value of:

$5 \# 3 \$ 2 @ 4 \% 2?$

- (a) 6
- (b) 7
- (c) 8
- (d) 9

Q24. If a geometric progression starts at 4 and the common ratio is 2, what is the 4th term?

- (a) 16
- (b) 24
- (c) 32
- (d) 64

Q25. Statements:

1. No cats are dogs.
2. Some dogs are animals.

Conclusions:

- I. Some animals are not cats.
- II. No dog is a cat.

- (a) Only I follows
- (b) Only II follows
- (c) Both follow
- (d) Neither follows

Q26. Arrange the following Mughal rulers chronologically from earliest to latest:

1. Jahangir
2. Babur
3. Shah Jahan
4. Humayun

- (a) 2-4-1-3
(b) 4-2-1-3
(c) 2-1-4-3
(d) 1-2-4-3

Q27. Which Constitutional Amendment introduced the Goods and Services Tax (GST)?

- (a) 101st Amendment
(b) 97th Amendment
(c) 86th Amendment
(d) 44th Amendment

Q28. In cricket, what does the term 'maiden over' mean?

- (a) Over with a wicket
(b) Over with no runs conceded
(c) Over with six balls bowled fast
(d) Over ending a spell

Q29. How is urban India aiming to reduce vehicular pollution?

- (a) Promoting diesel cars
(b) Expanding electric mobility
(c) Removing emission norms
(d) Encouraging old vehicles

Q30. Assertion (A): GDP does not fully reflect income distribution.

Reason (R): GDP measures total output, not equality.

- (a) Both A and R are true and R explains A
(b) Both A and R are true but R does not explain A
(c) A is true but R is false
(d) A is false but R is true

Q31. Which of the following best represents the key feature of the Hornbill Festival of Nagaland?

- (a) Exclusive religious rituals inside monasteries
(b) Display of tribal culture, dance, and traditional sports
(c) A harvest-only farming fair
(d) A coastal boat race festival

Q32. Assertion (A): The Green Revolution increased wheat production.

Reason (R): High-yield variety seeds and irrigation were introduced.

- (a) Both A and R are true and R explains A
- (b) Both true but R not explanation
- (c) A true R false
- (d) A false R true

Q33. Navigation satellites under India's NavIC system are primarily placed in:

- (a) Polar orbit
- (b) Low Earth Orbit
- (c) Geostationary/Geosynchronous orbit
- (d) Sun-synchronous orbit

Q34. Why does food cook faster in a pressure cooker?

- (a) Lower temperature inside cooker
- (b) Increased boiling point of water
- (c) Reduced heat transfer
- (d) More evaporation

Q35. Why are modern tennis rackets commonly made with graphite composites?

- (a) They are heavier for powerful shots
- (b) They reduce vibration and improve control
- (c) They are cheaper than wood
- (d) They do not bend at all

Q36. In ancient Indian administration, the term 'Nagaraka' referred to:

- (a) Village headman
- (b) City superintendent
- (c) Military commander
- (d) Chief priest

Q37. India's population is approximately what percentage of the world's population?

- (a) 10%
- (b) 14%
- (c) 18%
- (d) 22%

Q38. Statement 1: CoWIN portal was used for vaccination management.

Statement 2: Aarogya Setu provided health risk alerts.

- (a) Only Statement 1
- (b) Only Statement 2
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Q39. Assertion (A): A relay team was disqualified despite finishing first.

Reason (R): One runner crossed into another lane during baton exchange.

- (a) Both A and R are true and R explains A
- (b) Both A and R are true but R does not explain A

- (c) A is true but R is false
- (d) A is false but R is true

Q40. Statements about Bihu dance:

1. It is associated with Assam.
2. It celebrates the harvest season.

- (a) Only 1 correct
- (b) Only 2 correct
- (c) Both 1 & 2 correct
- (d) Neither 1 nor 2 correct

Q41. Who received the Padma Shri for promoting traditional Puppetry art in Rajasthan?

- (a) Ram Chandra Bhatt
- (b) Mahipat Kavi
- (c) Shankar Lal Meghwal
- (d) Devendra Sharma

Q42. The President of India promulgates ordinances under:

- (a) Article 110
- (b) Article 123
- (c) Article 356
- (d) Article 368

Q43. Match the feature with boundary:

1. Rift valley
2. Island arc
3. Strike-slip fault

- (a) 1-Divergent, 2-Convergent, 3-Transform
- (b) 1-Convergent, 2-Transform, 3-Divergent
- (c) 1-Transform, 2-Divergent, 3-Convergent
- (d) 1-Divergent, 2-Transform, 3-Convergent

Q44. Consider the statements:

1. Finance Commission is constituted every five years.
2. It is mentioned under Article 280.

- (a) Only 1
- (b) Only 2
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Q45. Which of the following is a classical percussion instrument strongly associated with Andhra Pradesh?

- (a) Ghatam
- (b) Santoor

- (c) Rabab
- (d) Algoza

Q46. How many storeys are there in the main vimana (tower) of the Brihadeeswara Temple at Thanjavur?

- (a) 9
- (b) 11
- (c) 13
- (d) 15

Q47. Who is the author of the novel 'The Guide'?

- (a) R.K. Narayan
- (b) Khushwant Singh
- (c) Chetan Bhagat
- (d) Vikram Seth

Q48. What is the main objective of the International Solar Alliance?

- (a) Promote nuclear energy
- (b) Encourage solar energy adoption globally
- (c) Regulate oil prices
- (d) Fund coal projects

Q49. Which biomolecule forms the basic structure of enzymes?

- (a) Lipids
- (b) Proteins
- (c) Carbohydrates
- (d) Nucleic acids

Q50. Which district–state pair is correctly matched for bauxite reserves?

- (a) Koraput – Odisha
- (b) Gaya – Bihar
- (c) Jalgaon – Maharashtra
- (d) Hisar – Haryana

Q51. The average height of 15 students is 160 cm. If two students leave, the new average becomes 159 cm. What is the average height of the two students who left?

- (a) 164.5 cm
- (b) 166.5 cm
- (c) 168.5 cm
- (d) 170.5 cm

Q52. If $P : Q = 5 : 3$, $Q : R = 4 : 7$, and $R : S = 2 : 3$, find the ratio $P : S$.

- (a) 20 : 63
- (b) 40 : 63
- (c) 35 : 72
- (d) 15 : 28

Q53. Simplify:

$$\left(2.5 + \frac{5}{8}\right)^2 - \left(\frac{7}{4} \times 2.4\right)$$

- (a) 5.5656
- (b) 6.2225
- (c) 7.0625
- (d) 8.0625

Q54. Table: Quarterly Revenue.

Item	Q1	Q2	Q3	Q4
Product A	45	55	50	60
Product B	70	72	68	75

What is the average quarterly revenue of Product B?

- (a) Rs. 71.25 lakhs
- (b) Rs. 71.5 lakhs
- (c) Rs. 72 lakhs
- (d) Rs. 72.5 lakhs

Q55. Simplify:

$$\left(\frac{9}{4} \div \frac{18}{7}\right) \times \left(\frac{8}{3} \div \frac{4}{9}\right)$$

- (a) $2\frac{1}{4}$
- (b) $7\frac{1}{2}$
- (c) $9\frac{1}{2}$
- (d) $4\frac{1}{3}$

Q56. A circular disc of radius 6 cm is inscribed in a square. What is the approximate area of the remaining portion of the square?

- (a) 28.30 cm²
- (b) 45.75 cm²
- (c) 30.96 cm²
- (d) 72.50 cm²

Q57. A manufacturer offers a product to a retailer at a 25% discount on the marked price. An additional shipping charge of 8% is applied. The retailer sells for Rs. 2400 more, earning a 35% profit. What was the original marked price?

- (a) Rs. 8,465.60
- (b) Rs. 9,127.45
- (c) Rs. 10,050.76
- (d) Rs. 11,254.90

Q58. How many smaller hemispheres with radius 4 cm can be formed by melting a hemisphere with radius 16 cm?

- (a) 16
- (b) 32
- (c) 48
- (d) 64

Q59. A cone and a hemisphere have the same radius. Their combined height is 24 cm. If both have equal volumes, find the radius.

- (a) 8 cm
- (b) 9 cm
- (c) 10 cm
- (d) 12 cm

Q60. A trader buys 8 items for the price of 5 items. If he sells each item at a 5% discount on its marked price, what is his profit percentage?

- (a) 56%
- (b) 58%
- (c) 60%
- (d) 52%

Q61. A tank contains 120 liters of pure juice. 15 liters are drawn and replaced by water twice. What is the ratio of juice to water in the final mixture?

- (a) 49 : 15
- (b) 81 : 39
- (c) 73 : 47
- (d) 65 : 55

Q62. In how many years will Rs. 80,000 become Rs. 1,06,480 at 10% compound interest per annum?

- (a) 3
- (b) 4
- (c) 5
- (d) 7

Q63. The ratio of profit to the cost price of an item is 3 : 8. What is the ratio of selling price to profit?

- (a) 11 : 3
- (b) 9 : 4
- (c) 7 : 5
- (d) 12 : 7

Q64. Two circles have radii 14 cm and 6 cm. If the length of a direct common tangent is 24 cm, what is the distance between their centers?

- (a) $9\sqrt{10}$ cm
- (b) $8\sqrt{10}$ cm
- (c) $12\sqrt{10}$ cm
- (d) 8 cm

Q65. A cone has a base area of 78.5 cm^2 and height 12 cm. What is its volume? (Use $\pi \approx 3.14$)

- (a) 314 cm^3
- (b) 392 cm^3
- (c) 471 cm^3
- (d) 628 cm^3

Q66. In triangle PQR, medians PX, QY, and RZ intersect at the centroid O. What is the ratio of the area of triangle PQO to the area of triangle PQR?

- (a) 1 : 2
- (b) 1 : 3
- (c) 2 : 3
- (d) 1 : 4

Q67. A solid metal sphere of radius 15 cm is melted and recast into 27 identical smaller spheres. What is the ratio of the surface area of the original sphere to the total surface area of all 27 smaller spheres?

- (a) 1 : 3
- (b) 1 : 6
- (c) 1 : 9
- (d) 1 : 15

Q68. In $\triangle MNO$, line segment LK is parallel to NO. If the ratio of area of $\triangle MLK$ to trapezoid LKNO is 9 : 40, what is the ratio of ML to LN?

- (a) 3 : 4
- (b) 3 : 7
- (c) 4 : 5
- (d) 4 : 9

Q69. A right triangle has sides 5, 12, and 13. A smaller similar triangle is inscribed with a perimeter of 10. What is its area?

- (a) 2.5
- (b) 3.33
- (c) 5
- (d) 7.5

Q70. Simplify:

$$\left(\left(2.5 + \frac{3}{5} \right) \div \left(3.5 - \frac{1}{4} \right) \right) + 0.75$$

- (a) 1.3714
- (b) 1.7038
- (c) 3.1429
- (d) 4.1429

Q71. A container holds three liquids X, Y, and Z in the ratio 3 : 4 : 5. If 8 liters of X, 10 liters of Y, and a certain amount of Z are added, the new ratio becomes 7 : 9 : 12. Find the quantity (in liters) of Z added.

- (a) 11 liters

- (b) 14 liters
- (c) 16 liters
- (d) 18 liters

Q72. Priya started a business with Rs. 75,000. Ravi joined 6 months later with Rs. 50,000. At what ratio will they share the profit after two years?

- (a) 2 : 5
- (b) 5 : 4
- (c) 2 : 1
- (d) 9 : 7

Q73. The distance between two circle centers is d . The lengths of direct and transverse common tangents are L and M respectively. If $L^2 + M^2 = 320$ and sum of squares of radii is 160, what is d ?

- (a) 12
- (b) $8\sqrt{5}$
- (c) $10\sqrt{5}$
- (d) 14

Q74. Two parallel chords measuring 20 cm and 14 cm exist on the same side of center. The distance between them is 3 cm. What is the radius?

- (a) $\sqrt{143}$ cm
- (b) $\sqrt{140}$ cm
- (c) $\sqrt{149}$ cm
- (d) $\sqrt{134}$ cm

Q75. What is the area of a segment formed by a chord in a circle of radius 10 cm, when the angle subtended at center is 120° ?

- (a) $100\pi/3 - 25\sqrt{3}$
- (b) $100\pi/3 - 50\sqrt{3}$
- (c) $50\pi - 25\sqrt{3}$
- (d) $50\pi - 50\sqrt{3}$

Q76. Choose the most suitable option to replace the highlighted part of the sentence:
She do not understand this concept properly.

- (a) do not understood
- (b) does not understand
- (c) did not understands
- (d) is not understand

Q77. Choose the correct one-word substitution for: 'The practice of spying to obtain secret information.'

- (a) Diplomacy
- (b) Espionage
- (c) Arbitration
- (d) Mediation

Q78. Select the most appropriate synonym of the given word: CALLOUS

- (a) Restless

- (b) Uneasy
- (c) Alarmed
- (d) Unconcerned

Q79. Choose the correct meaning of idiom: Hold at arm's length

- (a) To treat someone warmly
- (b) To keep someone at a distance
- (c) To imitate someone closely
- (d) To support someone openly

Q80. Choose the correct one-word substitute for: 'Fear of closed spaces.'

- (a) Claustrophobia
- (b) Arachnophobia
- (c) Acrophobia
- (d) Hydrophobia

Q81. Which of the following best completes the analogy: Joy is to presence as sorrow is to —? **(Q81-85)**

Read the following passage and answer the questions based on the passage:

To divide life into fixed opposites of happiness and grief is to misunderstand its deepest pattern. Human life does not move in a straight line of delight or misery; instead, it flows through a living exchange where one feeling gives depth and definition to the other. Victory feels most intense when it follows defeat, and the sting of losing something gains shape only because we once held it close. Thus, joy and sorrow are not enemies but partners in the same story. Across ages, thinkers have recognized this emotional duality. The Stoics viewed suffering as unavoidable and even useful in reaching calm, while Eastern paths such as Buddhism emphasize that all experiences pass and nothing remains permanent. In both views, the search for lasting happiness requires accepting change. Without grief, joy would lose its sharpness and become plain—without contrast, it would carry little weight. This mutual dependence appears even in everyday life: spring seems brighter after a bitter winter, and quiet solitude matters only to someone who has felt the noise of crowds. Often, personal maturity is shaped in painful trials—loss and hardship carve depth into us, strengthening empathy, resilience, and thankfulness. Wanting uninterrupted happiness is like demanding a life in a single colour—smooth but lifeless. In this sense, joy and sorrow together create a chiaroscuro of the mind, a striking interplay of light and shadow that makes life more vivid and human.

- (a) Liberty
- (b) Expectation
- (c) Missingness
- (d) Stillness

Q82. Based on the passage, which inference best reflects the writer's view of emotions?

- (a) A meaningful life must avoid suffering completely
- (b) Feelings should be separated into rigid opposites

- (c) Sadness intensifies how we value happiness
- (d) Happiness is only a social illusion

Q83. What is the central aim of the passage?

- (a) To summarise major philosophical schools in history
- (b) To contend that sorrow is necessary for genuine joy and should be accepted
- (c) To mourn how easily happiness disappears
- (d) To criticise modern society for emotional numbness

Q84. Which tone best describes the author's manner of expression in the passage?

- (a) Playful
- (b) Reflective
- (c) Mocking
- (d) Unmoved

Q85. In the passage, the word "chiaroscuro" most nearly means:

- (a) Emotional numbness
- (b) A contrast of light and dark
- (c) A musical fluctuation
- (d) A particular kind of sorrow

Q86. Spot the correct spelling of adjective 'relating to the nervous system'.

- (a) Neurological
- (b) Neurological
- (c) Neuroligecal
- (d) Neurolojjical

Q87. Select the sentence containing the homonym of the highlighted word:

He slipped a compact umbrella into his backpack.

- (a) The engineer designed a compact engine for small cars.
- (b) The workers compacted the gravel before laying the tiles.
- (c) The two nations entered a compact to share water resources.
- (d) She wrote her report in a compact format to save space.

Q88. Rearrange the following sentences to form a coherent paragraph:

1. This helps teams track changes and collaborate without overwriting each other's work.
2. Version control systems are tools that manage code modifications over time.
3. A widely used example is Git, which stores snapshots of a project in repositories.
4. As a result, software development becomes more organized and reliable.

- (a) 2, 1, 3, 4
- (b) 3, 2, 1, 4
- (c) 2, 3, 4, 1
- (d) 1, 2, 3, 4

Q89. A sentence is provided in indirect speech. From the four given options, choose the one that most accurately conveys the sentence in its corresponding direct speech.

The coach said that they had played well and would win the match.

- (a) "You played well and you will win the match," said the coach.
- (b) "They has played well and will win the match," the coach said.
- (c) "You had played well and would win the match," said the coach.
- (d) "They played well and they win the match," said the coach.

Q90. Select the correct option:

Hardly had the meeting begun _____ the power went out.

- (a) when
- (b) than
- (c) then
- (d) while

Q91. A sentence is provided in direct speech. From the four given options, choose the one that most accurately conveys the sentence in its corresponding indirect speech.

Meera said, "I can finish the task today."

- (a) Meera said that she can finish the task today.
- (b) Meera said that I could finish the task that day.
- (c) Meera said that she could finish the task that day.
- (d) Meera said she will finish the task today.

Q92. Find the part of the sentence that contains an error:

The manager insisted (1)/ that every employee must submits the form (2)/ before the deadline (3)/ without any exceptions. (4)/

- (a) (1)
- (b) (2)
- (c) (3)
- (d) (4)

Q93. Identify the misspelt word

- (a) Iridescent
- (b) Magnanimous
- (c) Acquaintence
- (d) Meticulous

Q94. Find the part of the sentence that contains an error:

Were she to have submitted the files on time, (1)/ the delay could have been (2)/ avoided much sooner than it actually was, (3)/ preventing unnecessary confusion. (4)/

- (a) (1)
- (b) (2)
- (c) (3)
- (d) (4)

Q95. Rearrange the following sentences to form a coherent paragraph:

1. These solutions reduce waste by keeping materials in use for as long as possible.
2. As resources become scarce, industries are increasingly shifting toward a circular economy model.
3. This approach emphasizes reuse, repair, and recycling instead of disposal.
4. Therefore, circular strategies are viewed as essential for sustainable growth.

- (a) 1, 3, 2, 4
- (b) 2, 3, 1, 4
- (c) 3, 2, 1, 4
- (d) 2, 1, 3, 4

Q96. Select the most appropriate antonym of the given word: Utopian

- (a) Idealistic
- (b) Dreamlike
- (c) Romantic
- (d) Realistic

Q97. Change the following from active to passive:

Did the committee sanction the revised environmental policy?

- (a) Has the revised environmental policy been sanctioned by the committee?
- (b) Is the revised environmental policy being sanctioned by the committee?
- (c) Was the revised environmental policy being sanctioned by the committee?
- (d) Was the revised environmental policy sanctioned by the committee?

Q98. Select the correct option:

The consultant delivered a report, ___ conclusions were supported by multiple audits, to the committee.

- (a) whose
- (b) whom
- (c) which
- (d) that

Q99. Convert the sentence provided below from its passive voice structure to an active voice structure:

The suspect was thought to have been staying in a remote lodge before being arrested.

- (a) The suspect thought he was staying in a remote lodge.
- (b) People thought the suspect stayed in a remote lodge.
- (c) It was thought that the suspect had been staying in a remote lodge.

(d) Authorities thought the suspect had been staying in a remote lodge before they arrested him.

Q100. Choose the most suitable option to replace the highlighted part of the sentence:

Ravi is junior than his brother in the office.

- (a) more junior than
- (b) junior to
- (c) junior than to
- (d) younger than