

SSC CGL Tier-I Mock Test 8

Free Full-Length Mock Test with Answer Key, Selected Solutions and Score Review Sheet

Total Questions	100
Total Marks	200
Sections	Reasoning, General Awareness, Quantitative Aptitude, English
Time Limit	60 minutes
Marking Scheme	+2 for correct answer, -0.50 for wrong answer
Unattempted Questions	0 marks deducted

Instructions for Students

- Attempt this mock test like the real SSC CGL Tier-I examination.
- Do not check the answer key before completing the paper.
- Complete all 100 questions within 60 minutes.
- Use the score review sheet at the end to identify weak sections.
- This is an original practice mock test prepared for educational purposes. It is not an official SSC question paper.

General Intelligence and Reasoning

Q1. Find the missing number in the series: 6, 12, 24, 48, 96, ?

- A. 192
- B. 204
- C. 191
- D. 193

Q2. Find the missing number in the series: 5, 11, 23, 47, 95, ?

- A. 192
- B. 190
- C. 203
- D. 191

Q3. Find the missing number in the series: 4, 9, 16, 25, 36, ?

- A. 49
- B. 61
- C. 48
- D. 50

Q4. Find the missing number in the series: 3, 7, 13, 21, 31, ?

- A. 44
- B. 55
- C. 43
- D. 42

Q5. Find the missing number in the series: 144, 121, 100, 81, 64, ?

- A. 49
- B. 61
- C. 48
- D. 50

Q6. If POWER is coded as SRZHU, then LIGHT is coded as:

- A. THGIL
- B. PMKLX
- C. NKIJV
- D. OLJKW

Q7. If UNITY is coded as VOJUZ, then TRUST is coded as:

- A. USVTU1
- B. VTWUV
- C. USVTU
- D. TSURT

Q8. If SMART is coded as UOCTV, then LOGIC is coded as:

- A. MPHJD
- B. CIGOL
- C. ORJLF
- D. NQIKE

Q9. Complete the analogy: 64 : 8 :: 125 : ?

- A. 4
- B. 5
- C. 6
- D. 7

Q10. If 3 means blue, 4 means sky and 5 means clear, then 345 means:

- A. blue sky clear
- B. sky blue clear
- C. clear blue sky
- D. blue clear sky

Q11. Rohan is the brother of Sita. Sita is the daughter of Mohan. How is Mohan related to Rohan?

- A. Father
- B. Brother
- C. Uncle
- D. Grandfather

Q12. Which letter comes next? C, F, J, O, U, ?

- A. A
- B. B
- C. C
- D. D

Q13. Select the number pair that does not follow the pattern.

- A. 4-16
- B. 6-36
- C. 7-49
- D. 8-72

Q14. All pens are books. Some books are papers. Which conclusion follows?

- A. Some papers are pens
- B. All books are pens
- C. Some books are pens
- D. No book is paper

Q15. If DELHI = 38, then PATNA = ?

- A. 50
- B. 52
- C. 54
- D. 56

Q16. Arrange logically: 1. Interview 2. Application 3. Selection 4. Joining

- A. 2,1,3,4
- B. 1,2,3,4
- C. 2,3,1,4
- D. 4,3,2,1

Q17. Which word cannot be formed from ADMINISTRATION?

- A. TRAIN
- B. MIND
- C. STONE
- D. RIVER

Q18. Pointing to a boy, Meena said, "He is the son of my mother's only son." How is the boy related to Meena?

- A. Brother
- B. Son
- C. Nephew
- D. Father

Q19. Choose the related pair: Clock : Time :: Thermometer : ?

- A. Temperature
- B. Pressure
- C. Weight
- D. Speed

Q20. If $8 + 6 = 28$ and $7 + 5 = 24$, then $9 + 4 = ?$

- A. 24
- B. 26
- C. 28
- D. 30

Q21. Find the missing term: AB, CD, EF, GH, ?

- A. IJ
- B. IK
- C. HI
- D. JK

Q22. Choose the odd one out.

- A. January
- B. March
- C. May
- D. Friday

Q23. If NORTH is coded as HTORN, then SOUTH is coded as:

- A. HTUOS
- B. HUTOS
- C. SOUTH
- D. TUSOH

Q24. Complete the analogy: Bird : Nest :: Bee : ?

- A. Hive
- B. Den
- C. Stable
- D. Kennel

Q25. In a row, Ajay is 13th from the left and 9th from the right. Find total persons.

- A. 20
- B. 21
- C. 22
- D. 23

General Awareness

Q26. The headquarters of the United Nations is in:

- A. New York
- B. Geneva
- C. Paris
- D. London

Q27. Who discovered the Raman Effect?

- A. C. V. Raman
- B. Homi Bhabha
- C. J. C. Bose
- D. Vikram Sarabhai

Q28. Which Indian state has the longest coastline?

- A. Gujarat
- B. Tamil Nadu
- C. Andhra Pradesh
- D. Kerala

Q29. Which is the largest freshwater lake in India?

- A. Wular Lake
- B. Dal Lake
- C. Chilika Lake
- D. Pulicat Lake

Q30. The book Discovery of India was written by:

- A. Jawaharlal Nehru
- B. Mahatma Gandhi
- C. Sardar Patel
- D. Rajendra Prasad

Q31. Which organ purifies blood in the human body?

- A. Kidney
- B. Liver
- C. Lungs
- D. Heart

Q32. The study of insects is called:

- A. Entomology
- B. Ornithology
- C. Botany
- D. Geology

Q33. Which is a non-renewable source of energy?

- A. Coal
- B. Solar energy
- C. Wind energy
- D. Hydropower

Q34. Who was the founder of the Gupta Empire?

- A. Sri Gupta
- B. Chandragupta Maurya
- C. Ashoka
- D. Harsha

Q35. The capital of Myanmar is:

- A. Yangon
- B. Naypyidaw
- C. Mandalay
- D. Dhaka

Q36. Which instrument measures humidity?

- A. Hygrometer
- B. Barometer
- C. Thermometer
- D. Ammeter

Q37. Which Mughal emperor built the Red Fort in Delhi?

- A. Akbar
- B. Shah Jahan
- C. Jahangir
- D. Aurangzeb

Q38. Which is the largest river island in India?

- A. Majuli
- B. Diu
- C. Srirangam
- D. Minicoy

Q39. Which Article deals with freedom of speech and expression?

- A. Article 14
- B. Article 19
- C. Article 21
- D. Article 32

Q40. Which gas causes the greenhouse effect in large amounts?

- A. Carbon dioxide
- B. Oxygen
- C. Nitrogen
- D. Helium

Q41. Which is the official language of the Supreme Court of India?

- A. Hindi
- B. English

- C. Sanskrit
- D. Regional language

Q42. Which is the largest producer of coffee in India?

- A. Karnataka
- B. Assam
- C. Punjab
- D. Rajasthan

Q43. Who founded the Brahmo Samaj?

- A. Raja Ram Mohan Roy
- B. Dayanand Saraswati
- C. Vivekananda
- D. Ishwar Chandra Vidyasagar

Q44. Which is the longest bone in the human body?

- A. Femur
- B. Tibia
- C. Humerus
- D. Radius

Q45. Which is the currency of Japan?

- A. Yen
- B. Won
- C. Dollar
- D. Ruble

Q46. The first five-year plan in India started in:

- A. 1951
- B. 1947
- C. 1961
- D. 1971

Q47. Which state is known as the Land of Five Rivers?

- A. Punjab
- B. Gujarat
- C. Assam
- D. Kerala

Q48. Which Indian city is called the Silicon Valley of India?

- A. Bengaluru
- B. Hyderabad
- C. Pune
- D. Chennai

Q49. Which gas is used by plants for photosynthesis?

- A. Carbon dioxide
- B. Oxygen
- C. Nitrogen
- D. Argon

Q50. Who wrote Gitanjali?

- A. Rabindranath Tagore
- B. Bankim Chandra Chatterjee
- C. Premchand
- D. R. K. Narayan

Quantitative Aptitude

Q51. Find 20% of 680.

- A. 126
- B. 136
- C. 156
- D. 146

Q52. An article is bought for Rs. 1100 and sold for Rs. 1300. Find the profit percentage.

- A. 18.18%
- B. 23.18%
- C. 13.18%
- D. 28.18%

Q53. Find the average of 16, 20, 24, 28, 32.

- A. 24
- B. 28
- C. 26
- D. 22

Q54. 16 men can complete a work in 15 days. How many days will 12 men take?

- A. 18
- B. 24
- C. 22
- D. 20

Q55. A train covers 340 km in 4 hours. Find its speed.

- A. 85
- B. 95
- C. 80
- D. 90

Q56. Find simple interest on Rs. 8000 at 13% per annum for 2 years.

- A. 2180
- B. 2080
- C. 1980
- D. 2280

Q57. Rs. 5100 is divided between A and B in the ratio 4:3. Find A's share.

- A. 2914
- B. 2814
- C. 2185
- D. 3014

Q58. Find the area of a rectangle with length 26 cm and breadth 18 cm.

- A. 88
- B. 468
- C. 448
- D. 488

Q59. Find the perimeter of a square with side 17 cm.

- A. 64
- B. 72
- C. 68
- D. 289

Q60. If $6x + 6 = 66$, then x equals:

- A. 12
- B. 9
- C. 11
- D. 10

Q61. The marked price of an item is Rs. 2600. If discount is 18%, find the selling price.

- A. 2032
- B. 2132

- C. 2600
- D. 2232

Q62. Find the HCF of 120 and 180.

- A. 60
- B. 57
- C. 66
- D. 63

Q63. Find the LCM of 20 and 26.

- A. 240
- B. 260
- C. 270
- D. 286

Q64. A pipe fills a tank in 18 hours and another pipe empties it in 36 hours. If both are opened, the tank fills in:

- A. 34
- B. 36
- C. 40
- D. 38

Q65. Find the circumference of a circle with radius 28 cm using $\pi = 22/7$.

- A. 220
- B. 198
- C. 176
- D. 154

Q66. A value increases from 900 to 1030. Find the percentage increase.

- A. 14.44%
- B. 16.44%
- C. 12.44%
- D. 19.44%

Q67. Ravi is 26 years old now. What will be his age after 5 years?

- A. 33
- B. 21
- C. 26
- D. 31

Q68. Find the median of 11, 14, 17, 20, 23.

- A. 23
- B. 14
- C. 20
- D. 17

Q69. Simplify: $20 \times 4 + 38 / 5$

- A. 85
- B. 89
- C. 87
- D. 91

Q70. Find the square of 13.

- A. 169
- B. 156
- C. 182
- D. 195

Q71. A boat has downstream speed 46 km/h and upstream speed 26 km/h. Find the speed of the boat in still water.

- A. 20
- B. 36
- C. 38
- D. 10

Q72. A shop sold 200, 220 and 250 items on Monday, Tuesday and Wednesday. Find total items sold.

- A. 700
- B. 640
- C. 720
- D. 670

Q73. What is the value of tan 45 degrees?

- A. 1
- B. 0
- C. $\sqrt{3}$
- D. $1/\sqrt{3}$

Q74. Two angles of a triangle are 58 degrees and 60 degrees. Find the third angle.

- A. 82
- B. 72
- C. 52
- D. 62

Q75. 10 kg rice at Rs. 48/kg is mixed with 20 kg rice at Rs. 58/kg. Find the average price per kg.

- A. 52
- B. 54
- C. 59
- D. 56

English Comprehension

Q76. Find the error: "He is good in English."

- A. He is
- B. good in
- C. English
- D. No error

Q77. Choose the meaning of "Fragile".

- A. Easily broken
- B. Very strong
- C. Very large
- D. Very fast

Q78. Correct preposition: The train is late ___ two hours.

- A. by
- B. from
- C. with
- D. at

Q79. One word substitution: A place where animals are kept.

- A. Zoo
- B. Library
- C. Museum
- D. Market

Q80. Indirect speech: She said, "I can help you."

- A. She said that she could help me.
- B. She said that I can help you.
- C. She says she could help me.
- D. She said she can help you.

Q81. Choose the correct verb: Neither of the answers ___ correct.

- A. is
- B. are
- C. were
- D. have

Q82. Choose the synonym of "Lazy".

- A. Idle
- B. Active
- C. Quick
- D. Busy

Q83. Choose the antonym of "Simple".

- A. Complex
- B. Easy
- C. Plain
- D. Basic

Q84. Choose the correctly spelled word.

- A. Environment
- B. Enviroment
- C. Envirment
- D. Envairement

Q85. Fill in the blank: I am grateful ___ your help.

- A. for
- B. to
- C. with
- D. at

Q86. Choose the correct sentence.

- A. They were playing football.
- B. They was playing football.
- C. They is playing football.
- D. They playing football.

Q87. Meaning of idiom "A bed of roses".

- A. A comfortable situation
- B. A dangerous place
- C. A bad habit
- D. A secret

Q88. One word substitution: A person who cannot hear.

- A. Deaf
- B. Blind
- C. Dumb
- D. Lame

Q89. Passive voice: "He has solved the problem."

- A. The problem has been solved by him.
- B. The problem was solved by him.
- C. The problem is solved by him.
- D. The problem has solved him.

Q90. Choose the correct article: ___ Ganga is a sacred river.

- A. The
- B. A
- C. An
- D. No article

Q91. Choose the synonym of "Begin".

- A. Start
- B. Stop
- C. End
- D. Close

Q92. Choose the antonym of "Friend".

- A. Enemy
- B. Partner
- C. Companion
- D. Mate

Q93. Fill in the blank: The teacher is angry ___ him.

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

Q94. Find the error: "One of my friends are absent."

- A. One of
- B. my friends
- C. are absent
- D. No error

Q95. Choose the meaning of "Essential".

- A. Necessary
- B. Useless
- C. Optional
- D. Rare

Q96. Correct preposition: He looked ___ the matter carefully.

- A. into
- B. on
- C. at
- D. for

Q97. One word substitution: One who loves books.

- A. Bibliophile
- B. Philanthropist
- C. Patriot
- D. Atheist

Q98. Indirect speech: They said, "We will win."

- A. They said that they would win.
- B. They said that we will win.
- C. They say they would win.
- D. They said they win.

Q99. Choose the correct verb: The news ___ shocking.

- A. is
- B. are
- C. were
- D. have

Q100. Choose the synonym of "Fertile".

- A. Productive
- B. Barren
- C. Dry
- D. Useless

Answer Key

Q	Ans	Q	Ans	Q	Ans	Q	Ans
1	A	26	A	51	B	76	B
2	D	27	A	52	A	77	A
3	A	28	A	53	A	78	A
4	C	29	A	54	D	79	A
5	A	30	A	55	A	80	A
6	D	31	A	56	B	81	A
7	C	32	A	57	A	82	A
8	D	33	A	58	B	83	A
9	B	34	A	59	C	84	A
10	A	35	B	60	D	85	A
11	A	36	A	61	B	86	A
12	B	37	B	62	A	87	A
13	D	38	A	63	B	88	A
14	C	39	B	64	B	89	A
15	B	40	A	65	C	90	A
16	A	41	B	66	A	91	A
17	D	42	A	67	D	92	A
18	C	43	A	68	D	93	A
19	A	44	A	69	C	94	C
20	B	45	A	70	A	95	A
21	A	46	A	71	B	96	A
22	D	47	A	72	D	97	A
23	A	48	A	73	A	98	A
24	A	49	A	74	D	99	A
25	B	50	A	75	B	100	A

Selected Solutions

Q1. Answer: A

Each term is doubled.

Q2. Answer: D

Each term is multiplied by 2 and 1 is added.

Q3. Answer: A

The terms are consecutive squares: 2^2 , 3^2 , 4^2 and so on.

Q4. Answer: C

Differences are 4, 6, 8, 10, so next difference is 12.

Q5. Answer: A

The terms are descending squares: 12^2 , 11^2 , 10^2 and so on.

Q6. Answer: D

Each letter is shifted forward by 3 position(s).

Q7. Answer: C

Each letter is shifted forward by 1 position(s).

Q8. Answer: D

Each letter is shifted forward by 2 position(s).

Q9. Answer: B

Cube root of 125 is 5.

Q10. Answer: A

The numbers combine their coded meanings.

Q11. Answer: A

Rohan and Sita are siblings; Mohan is the father.

Q12. Answer: B

Gaps are +3, +4, +5, +6, so next is +7: B after U.

Q13. Answer: D

8 squared is 64, not 72.

Q14. Answer: C

All pens are books, so some books are pens.

Q15. Answer: B

$P+A+T+N+A = 16+1+20+14+1 = 52$.

Score Calculation

- Correct answers x 2 = positive marks
- Wrong answers x 0.50 = negative marks
- Final score = positive marks - negative marks
- Unattempted questions carry no penalty

Score Range	Performance Review
160+ out of 200	Excellent - maintain speed and accuracy
130-159	Good - revise weak sections
100-129	Average - improve accuracy and topic clarity
Below 100	Needs focused preparation and regular practice

Practice Review Sheet

Review Point	Your Notes
Total Questions Attempted	

Correct Answers	
Wrong Answers	
Final Score	
Weakest Section	
Topics to Revise	
Next Mock Test Target	

Disclaimer

This SSC CGL Tier-I Mock Test 8 is an original practice resource created for educational purposes by The Thrive Journey - Students Zone. It is not an official SSC question paper. Students should always verify the latest syllabus, pattern, exam dates, answer keys and official instructions from the Staff Selection Commission website.