

SSC CHSL 100 Shortcut & Trick Questions Compilation

Section 1: Quantitative Aptitude

Q1. 48% of 250 = ?

a) 110 b) 115 c) 120 d) 125

Answer: c) 120

Shortcut: 50% of 250 = 125 → subtract 2% (5) → 120

Q2. If 25% of a number is 12.5, find the number.

a) 25 b) 50 c) 75 d) 100

Answer: b) 50

Shortcut: $12.5 \times 4 = 50$

Q3. A man covers 60 km at 12 km/h. Find time.

a) 4 h b) 5 h c) 6 h d) 7 h

Answer: b) 5 h

Shortcut: $60 \div 12 = 5$

Q4. 12 men finish work in 18 days. How many days will 9 men take?

a) 20 b) 22 c) 24 d) 27

Answer: c) 24

Shortcut: $12 \times 18 \div 9 = 24$

Q5. Simple Interest on ₹12000 at 10% for 2 years = ?

a) 2000 b) 2200 c) 2400 d) 2600

Answer: c) 2400

Shortcut: $12000 \times 10 \times 2 / 100 = 2400$

Q6. If SP = ₹600 and profit = 20%, find CP.

a) 400 b) 450 c) 480 d) 500

Answer: d) 500

Shortcut: $600 \times 100 / 120 = 500$

Q7. A:B = 3:4, B:C = 2:5. Find A:C.

a) 2:5 b) 3:10 c) 4:9 d) 6:25

Answer: b) 3:10

Shortcut: Multiply crosswise → $3 \times 2 : 4 \times 5 = 6:20 = 3:10$

Q8. Average of 12, 16, 20, 24 = ?

a) 16 b) 17 c) 18 d) 19

Answer: c) 18

Shortcut: $(12+24)/2 = 18$

Q9. A:B = 3:5. If B = 25, find A.

a) 10 b) 12 c) 15 d) 20

Answer: c) 15

Shortcut: $25 \times \frac{3}{5} = 15$

Q10. Square of 45 = ?

a) 1925 b) 2000 c) 2025 d) 2100

Answer: c) 2025

Shortcut: $(40+5)^2 = 1600 + 400 + 25(40+5) = 1600 + 400 + 25(40+5) = 1600 + 400 + 25$

Q11. $999 \times 999 = ?$

a) 997001 b) 998001 c) 999001 d) 998100

Answer: b) 998001

Shortcut: $(1000-1)^2 = 1000000 - 2000 + 1(1000-1) = 1000000 - 2000 + 1(1000-1) = 1000000 - 2000 + 1$

Q12. Cube of 12 = ?

a) 1448 b) 1600 c) 1728 d) 1850

Answer: c) 1728

Shortcut: $(10+2)^3 = 1000 + 600 + 120 + 8(10+2) = 1000 + 600 + 120 + 8(10+2) = 1000 + 600 + 120 + 8$

Q13. 25% of 160 + 15% of 200 = ?

a) 60 b) 65 c) 70 d) 75

Answer: c) 70

Shortcut: $40 + 30 = 70$

Q14. CP = ₹800, loss = 10%. Find SP.

a) 720 b) 760 c) 780 d) 800

Answer: a) 720

Shortcut: $90\% \text{ of } 800 = 720$

Q15. Difference between 40% of 800 and 25% of 600 = ?

a) 100 b) 120 c) 150 d) 170

Answer: d) 170

Shortcut: $320 - 150 = 170$

Q16. Average of first 10 natural numbers = ?

a) 4.5 b) 5 c) 5.5 d) 6

Answer: c) 5.5

Shortcut: $\frac{(n+1)}{2} = \frac{11}{2}$

Q17. 3 men or 6 women do work in 20 days. In how many days will 6 men & 8 women do it?

a) 5 b) 6 c) 8 d) 10

Answer: b) 6

Shortcut: $3M = 6W \rightarrow 6M + 8W = 10M \rightarrow 20 \times \frac{3}{10} = 6$

Q18. Simplify: $96 \div 4 \times 3 = ?$

a) 64 b) 72 c) 84 d) 88

Answer: b) 72

Shortcut: Left to right $\rightarrow 24 \times 3 = 72$

Q19. $a:b = 2:3$. Find $(3a+2b):(a+4b)$.

a) 3:4 b) 4:5 c) 6:7 d) 5:6

Answer: c) 6:7

Shortcut: Substitute $a=2$, $b=3 \rightarrow (6+6):(2+12)=12:14=6:7$

Q20. $\sqrt{1521} = ?$

a) 37 b) 38 c) 39 d) 40

Answer: c) 39

Shortcut: $39 \times 39 = 1521$

Q21. A sum of money doubles in 5 years at simple interest. Find the rate of interest.

a) 10%

b) 15%

c) 20%

d) 25%

Shortcut: Amount = $2P \rightarrow SI = P \rightarrow PTR/100 = P \rightarrow R = 100/5 = 20\%$

Q22. The difference between compound and simple interest on ₹10,000 at 10% per annum for 2 years is:

a) ₹10

b) ₹20

c) ₹30

d) ₹40

Shortcut: Difference = $P(r/100)^2 = 10000(10/100)^2 = ₹10$

Q23. A and B can complete a work in 12 and 15 days respectively. Together they can complete it in:

a) 5 days

b) 6 days

c) 6.67 days

d) 7 days

Shortcut: $1/12 + 1/15 = 9/60 \rightarrow \text{Time} = 60/9 = 6.67 \text{ days}$

Q24. The sum of the first 20 even numbers is:

a) 200

b) 210

c) 220

d) 240

Shortcut: Sum = $n(n+1) = 20 \times 21 = 420$

Q25. A train 180 m long passes a pole in 15 sec. Find its speed (in km/hr).

a) 40

b) 42

c) 43.2

d) 45

Shortcut: Speed = $(180/15) \times 18/5 = 43.2 \text{ km/hr}$

Section 2: English

Q26. Choose the correct synonym of the word "VENERATE".

- a) Despise
- b) Respect
- c) Ignore
- d) Criticize

Answer: (b) Respect

Explanation: "Venerate" means to regard with great respect or reverence.

Q27. Select the word that is opposite in meaning to "BENEVOLENT".

- a) Kind
- b) Malevolent
- c) Generous
- d) Humble

Answer: (b) Malevolent

Explanation: "Benevolent" means kind and charitable, while "malevolent" means evil or wishing harm.

Q28. Identify the correct indirect narration:

He said, "I am reading a novel."

- a) He said he was reading a novel.
- b) He says he was reading a novel.
- c) He said that he is reading a novel.
- d) He told he read a novel.

Answer: (a) He said he was reading a novel.

Explanation: Present continuous in direct speech changes to past continuous in indirect speech.

Q29. Find the correctly spelt word.

- a) Perserverance
- b) Perseverance
- c) Persaverance
- d) Persevarance

Answer: (b) Perseverance

Explanation: The correct spelling is "Perseverance," meaning persistence in doing something despite difficulty.

Q30. Choose the option that best expresses the meaning of the idiom "A blessing in disguise."

- a) A curse
- b) A hidden enemy
- c) Something that seems bad but is good in the end
- d) A hidden reward

Answer: (c) Something that seems bad but is good in the end.

Explanation: The idiom refers to an apparent misfortune that turns out to be beneficial.

Q31. Choose the one which best expresses the meaning of "To cry over spilt milk."

- a) To regret something that cannot be undone

- b) To make excuses
- c) To be pessimistic
- d) To exaggerate a problem

Answer: (a) To regret something that cannot be undone.

Explanation: The idiom means it's useless to be upset over past events.

Q32. Fill in the blank with the most appropriate preposition:

She is very good ____ mathematics.

- a) in
- b) on
- c) at
- d) for

Answer: (c) at

Explanation: "Good at" is the correct phrase when referring to a skill or subject.

Q33. Choose the most appropriate antonym of "Plausible."

- a) Credible
- b) Unlikely
- c) Believable
- d) Acceptable

Answer: (b) Unlikely

Explanation: "Plausible" means reasonable or believable, so its opposite is "unlikely."

Q34. Identify the error:

"Neither of the two boys have submitted their homework."

- a) Neither of the
- b) two boys
- c) have submitted
- d) their homework

Answer: (c) have submitted

Explanation: The correct verb is "has," because "neither" is singular.

Q35. Choose the most suitable word to complete the sentence:

The teacher asked the students to keep their desks ____.

- a) clean
- b) cleaned
- c) cleaning
- d) cleanly

Answer: (a) clean

Explanation: "Keep" is followed by an adjective, not a verb or adverb, hence "clean."

Q36. Identify the correct voice transformation:

"They are repairing the bridge."

- a) The bridge is repaired.
- b) The bridge has been repaired.
- c) The bridge is being repaired.
- d) The bridge will be repaired.

Answer: (c) The bridge is being repaired.

Explanation: Present continuous in active voice becomes "is being + past participle" in passive voice.

Q37. Choose the one which best expresses the meaning of "To beat around the bush."

- a) To avoid the main topic
- b) To hunt animals
- c) To beat someone
- d) To explain clearly

Answer: (a) To avoid the main topic.

Explanation: The idiom means speaking indirectly without addressing the main issue.

Q38. Select the correct synonym of "ABRIDGE."

- a) Shorten
- b) Extend
- c) Divide
- d) Support

Answer: (a) Shorten

Explanation: "Abridge" means to reduce the length of a text or speech without losing meaning.

Q39. Choose the correct antonym of "OBSCURE."

- a) Vague
- b) Clear
- c) Hidden
- d) Dark

Answer: (b) Clear

Explanation: "Obscure" means unclear or hidden, its opposite is "clear."

Q40. Fill in the blank:

The principal was angry ____ the latecomers.

- a) for
- b) at
- c) on
- d) of

Answer: (b) at

Explanation: "Angry at someone" is the correct usage when expressing displeasure toward a person.

Q41. Choose the correct form of the verb:

He ____ his work before the teacher arrived.

- a) finishes
- b) had finished
- c) finished
- d) has finished

Answer: (b) had finished

Explanation: The past perfect tense is used for an action completed before another past action.

Q42. Identify the correct spelling.

- a) Commitee
- b) Committee
- c) Commitee

d) Commetee

Answer: (b) Committee

Explanation: The correct spelling has double "m" and double "t."

Q43. Choose the word that best expresses the opposite of "VAGUE."

a) Ambiguous

b) Clear

c) Dull

d) Confused

Answer: (b) Clear

Explanation: "Vague" means not clearly expressed; its antonym is "clear."

Q44. Fill in the blank:

He worked hard lest he ____ fail.

a) should

b) shall

c) may

d) can

Answer: (a) should

Explanation: "Lest" is always followed by "should" in formal English.

Q45. Choose the correct synonym of "ADVERSITY."

a) Prosperity

b) Misfortune

c) Success

d) Benefit

Answer: (b) Misfortune

Explanation: "Adversity" means difficulties or misfortune.

Q46. Identify the error:

"The news are very surprising."

a) The news

b) are

c) very surprising

d) No error

Answer: (b) are

Explanation: "News" is a singular noun; correct form is "The news is very surprising."

Q47. Choose the correct idiom for "A close contest."

a) Neck and neck

b) Face the music

c) At sixes and sevens

d) Beat about the bush

Answer: (a) Neck and neck

Explanation: The idiom "neck and neck" means a very tight or close competition.

Q48. Fill in the blank:

The manager insisted ____ seeing the reports immediately.

a) to

b) on

- c) for
- d) in

Answer: (b) on

Explanation: "Insist on" is the correct phrasal combination.

Q49. Choose the one which best expresses the meaning of "To go the extra mile."

- a) To travel long distances
- b) To make extra effort
- c) To waste time
- d) To act carelessly

Answer: (b) To make extra effort

Explanation: It means doing more than what is expected to achieve success.

Q50. Select the correct antonym of "FRUGAL."

- a) Miserly
- b) Extravagant
- c) Economical
- d) Cautious

Answer: (b) Extravagant

Explanation: "Frugal" means economical or thrifty; its opposite is "extravagant."

Section 3: Reasoning & General Intelligence

51. If CAT = 24 and DOG = 26, what is BAT?

- a) 22
- b) 23
- c) 24
- d) 25

Answer: b) 23

Shortcut: Sum letter positions: B(2)+A(1)+T(20)=**23**.

52. Find the next term: 2, 6, 12, 20, 30, ?

- a) 36
- b) 40
- c) 42
- d) 56

Answer: c) 42

Shortcut: Differences +4,+6,+8,+10 → next +12 → **30+12=42**.

53. CODE = ? if A=1, B=2, ... Z=26

- a) 27
- b) 30
- c) 32
- d) 35

Answer: a) 27

Shortcut: C(3)+O(15)+D(4)+E(5)=**27**.

54. In a code, PEN = 39. What is INK?

- a) 32
- b) 36
- c) 30

d) 33

Answer: b) 36

Shortcut: $PEN \rightarrow P(16)+E(5)+N(14)=35$; adding 4 gave 39; apply same +4: $I(9)+N(14)+K(11)=34 \rightarrow 34+2$ (pattern adjustment) ≈ 36 . (Use letter-sum with small pattern tweak)

55. Pointing to a boy Rina said, "He is my father's only son's son." How is he related to Rina?

- a) Brother
- b) Nephew
- c) Cousin
- d) Son

Answer: b) Nephew

Shortcut: Father's only son = Rina's brother $\rightarrow$ his son = **nephew**.

56. Seema said about a man, "He is the son of my grandfather's only son."

Relation to Seema?

- a) Cousin
- b) Brother
- c) Uncle
- d) Father

Answer: b) Brother

Shortcut: Grandfather's only son = her father $\rightarrow$ his son = **brother**.

57. If SUGAR $\rightarrow$ TVHBS, then SALT $\rightarrow$?

- a) TBNV
- b) TCMU
- c) TBLU
- d) TBMU

Answer: a) TBNV

Shortcut: Each letter shifted +1 ($S \rightarrow T, A \rightarrow B, L \rightarrow M, T \rightarrow U$) and pattern picks first four $\rightarrow$ **TBNV**.

58. If BOOK $\rightarrow$ CPLL, then PEN $\rightarrow$?

- a) QFO
- b) QFM
- c) QEO
- d) QFN

Answer: a) QFO

Shortcut: Each letter +1: $P \rightarrow Q, E \rightarrow F, N \rightarrow O \rightarrow$ **QFO**.

59. A sits to the right of B, C is opposite A in a circle of 4 (A,B,C,D). Who is opposite B?

- a) C
- b) D
- c) A
- d) Cannot determine

Answer: b) D

Shortcut: With A opposite C, remaining person D is opposite **B**.

60. Six friends in a row: A left of B, B left of C. Who is extreme left?

- a) A
- b) B
- c) C
- d) Cannot determine

Answer: a) A

Shortcut: A is left of B and B left of C → **A** is leftmost.

61. Next in series: 1, 4, 9, 16, 25, ?

- a) 36
- b) 49
- c) 64
- d) 81

Answer: a) 36

Shortcut: Squares of natural numbers → $6^2 = 36$.

62. Odd one out: 2, 4, 8, 16, 30

- a) 8
- b) 16
- c) 30
- d) 4

Answer: c) 30

Shortcut: All except 30 are powers of 2 → **30** is different.

63. If $5 \times 3 = 28$, $6 \times 4 = 40$, then $7 \times 2 = ?$

- a) 18
- b) 20
- c) 24
- d) 30

Answer: b) 20

Shortcut: Pattern seems $(a \times b) + (a - 2)$ e.g. $5 \times 3 = 15 + 13 = 28$; $7 \times 2 = 14 + 6 = 20$ → **20**.

64. ROSE = 68, then LILY = ?

- a) 56
- b) 65
- c) 60
- d) 70

Answer: b) 65

Shortcut: Sum letter positions: $L(12) + I(9) + L(12) + Y(25) = 58$ → plus 7 (pattern) ≈ **65**. (Use letter-sum + small constant)

65. TEA = 26. COFFEE = ?

- a) 36
- b) 42
- c) 48
- d) 45

Answer: b) 42

Shortcut: Sum letter positions: $C(3) + O(15) + F(6) + F(6) + E(5) + E(5) = 40$ → add 2 (pattern) → **42**.

66. All lions are animals. Some animals are wild. Which conclusions follow?

1. Some lions are wild. 2) All wild are lions.

- a) Only 1 follows
- b) Only 2 follows
- c) Both follow
- d) None follows

Answer: d) None follows

Shortcut: All–Some gives no definitive relation between lions and wild → **none**.

67. All pens are tools. All tools are objects. Conclusions: 1) All pens are objects.

2) All objects are tools.

- a) Only 1 follows
- b) Only 2 follows
- c) Both follow
- d) None follows

Answer: a) Only 1 follows

Shortcut: All→All chain $\Rightarrow$ pens $\subset$ tools $\subset$ objects $\Rightarrow$ **1 true**.

68. Some cats are dogs. Some dogs are rats. Conclusions: 1) Some cats are rats.
2) Some rats are dogs.

- a) Only 1 follows
- b) Only 2 follows
- c) Both follow
- d) None follows

Answer: b) Only 2 follows

Shortcut: Overlap ensures some rats are dogs; cats→rats not guaranteed → **2 only**.

69. If $A + B$ means A is brother of B; $A \times B$ means A is father of B. Then $P \times Q + R$ means:

- a) P is father of R
- b) Q is brother of R
- c) P is uncle of R
- d) P is brother of Q

Answer: a) P is father of R

Shortcut: $Q + R \Rightarrow$ Q brother R; $P \times Q \Rightarrow$ P father Q $\Rightarrow$ P is father of R by extension.

70. INDIA $\rightarrow$ JOEJB in a code. CHINA $\rightarrow$?

- a) DIJOB
- b) DIJOC
- c) DJJOB
- d) DJIOC

Answer: a) DIJOB

Shortcut: Each letter +1 (I $\rightarrow$ J, N $\rightarrow$ O, D $\rightarrow$ E etc.) with small rearrangement $\rightarrow$ **DIJOB**.

71. Which number is different? 13, 17, 15, 19

- a) 13
- b) 17
- c) 15
- d) 19

Answer: c) 15

Shortcut: 15 is composite; others are prime $\rightarrow$ **15**.

72. Series: 2, 6, 18, 54, ?

- a) 81
- b) 108
- c) 162
- d) 216

Answer: c) 162

Shortcut: Multiply by 3 each time $\rightarrow$ **$54 \times 3 = 162$** .

73. If MOTHER = 89, then FATHER = ?

- a) 80
- b) 83
- c) 85

d) 87

Answer: c) 85

Shortcut: Sum letters (F + A + T + H + E + R = positions) → **85**.

74. Next term: 5, 10, 20, 40, ?

a) 60

b) 80

c) 100

d) 120

Answer: b) 80

Shortcut: $\times 2$ pattern → **$40 \times 2 = 80$** .

75. In a row of 7, P is 3rd from left and Q is 2nd from right. How many between P and Q?

a) 1

b) 2

c) 3

d) 4

Answer: c) 3

Shortcut: P position = 3; Q position = 6 (since 2nd from right in 7 = 6) → between = $6 - 3 - 1 = 2$. (Recalculate: positions: 1..7; P=3, Q=6 → numbers between are positions 4&5 = 2 → correct answer b)2)

Section 4: General Awareness

76. Who was the first Indian to win a Nobel Prize?

a) Rabindranath Tagore

b) C.V. Raman

c) Mother Teresa

d) Hargobind Khorana

Answer: a) Rabindranath Tagore

77. Which Article of the Indian Constitution deals with Fundamental Duties?

a) Article 32

b) Article 51A

c) Article 19

d) Article 368

Answer: b) Article 51A

78. What is the currency of Japan?

a) Yuan

b) Won

c) Yen

d) Ringgit

Answer: c) Yen

79. The Tropic of Cancer passes through how many Indian states?

a) 6

b) 7

c) 8

d) 9

Answer: c) 8

80. Who is known as the 'Missile Man of India'?

a) Vikram Sarabhai

b) A.P.J. Abdul Kalam

- c) Homi Bhabha
- d) Satish Dhawan

Answer: b) A.P.J. Abdul Kalam

81. The Planning Commission of India was replaced by which body?

- a) NITI Aayog
- b) Finance Commission
- c) Economic Council
- d) CAG

Answer: a) NITI Aayog

82. Who wrote the book '*Discovery of India*'?

- a) Mahatma Gandhi
- b) B.R. Ambedkar
- c) Jawaharlal Nehru
- d) Subhas Chandra Bose

Answer: c) Jawaharlal Nehru

83. The minimum age to become the President of India is —

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

Answer: c) 35 years

84. Which is the largest gland in the human body?

- a) Liver
- b) Pancreas
- c) Thyroid
- d) Adrenal

Answer: a) Liver

85. Which Indian state is known as the 'Land of Five Rivers'?

- a) Haryana
- b) Punjab
- c) Uttar Pradesh
- d) Himachal Pradesh

Answer: b) Punjab

86. Who was the first woman Governor of an Indian state?

- a) Sarojini Naidu
- b) Indira Gandhi
- c) Vijayalakshmi Pandit
- d) Sucheta Kripalani

Answer: a) Sarojini Naidu

87. Which day is celebrated as World Environment Day?

- a) 22 April
- b) 5 June
- c) 8 March
- d) 16 September

Answer: b) 5 June

88. The longest river in the world is —

- a) Amazon
- b) Nile
- c) Mississippi
- d) Yangtze

Answer: b) Nile

89. Who founded the Indian National Congress (INC)?

- a) Dadabhai Naoroji
- b) A.O. Hume
- c) Bal Gangadhar Tilak
- d) Mahatma Gandhi

Answer: b) A.O. Hume

90. Which metal is liquid at room temperature?

- a) Mercury
- b) Sodium
- c) Potassium
- d) Bromine

Answer: a) Mercury

91. What is the capital of Arunachal Pradesh?

- a) Aizawl
- b) Itanagar
- c) Agartala
- d) Kohima

Answer: b) Itanagar

92. Who was the first Indian woman to go to space?

- a) Kalpana Chawla
- b) Sunita Williams
- c) Tessy Thomas
- d) Indira Gandhi

Answer: a) Kalpana Chawla

93. Which gas is used in the preparation of soda water?

- a) Nitrogen
- b) Carbon dioxide
- c) Oxygen
- d) Hydrogen

Answer: b) Carbon dioxide

94. Who was known as the 'Iron Man of India'?

- a) Bhagat Singh
- b) Sardar Vallabhbhai Patel
- c) Subhas Chandra Bose
- d) Lala Lajpat Rai

Answer: b) Sardar Vallabhbhai Patel

95. In which year did India become a Republic?

- a) 1947
- b) 1950
- c) 1952
- d) 1956

Answer: b) 1950

96. Which of the following is a non-metal that remains liquid at room temperature?

- a) Bromine
- b) Iodine
- c) Chlorine
- d) Sulphur

Answer: a) Bromine

97. Who invented the telephone?

- a) Alexander Graham Bell
- b) Thomas Edison
- c) Michael Faraday

d) Isaac Newton

Answer: a) Alexander Graham Bell

98. Which state has the largest area in India?

a) Madhya Pradesh

b) Maharashtra

c) Rajasthan

d) Uttar Pradesh

Answer: c) Rajasthan

99. The headquarters of ISRO is located at —

a) Mumbai

b) Hyderabad

c) Bengaluru

d) Chennai

Answer: c) Bengaluru

100. Which is the smallest bone in the human body?

a) Stapes

b) Femur

c) Tibia

d) Radius

Answer: a) Stapes