

SSC CGL Tier-II Practice Paper 8

Paper-I: Mathematical Abilities, Reasoning, English, General Awareness, Computer Knowledge and DEST Practice

Section	Questions
Mathematical Abilities	30
Reasoning and General Intelligence	30
English Language and Comprehension	45
General Awareness	25
Computer Knowledge	20
DEST Practice	1 passage

Instructions: This paper is an original practice set based on the general SSC CGL Tier-II Paper-I pattern. Attempt the paper in exam-like conditions. Avoid blind guessing. Review the answer key only after completing the paper.

Disclaimer: This is not an official SSC question paper. It is prepared for educational practice only. Students must verify the latest exam pattern, syllabus and rules from the official Staff Selection Commission website.

Mathematical Abilities

Q1. What is 35% of 450?

A. 157.5 B. 162.50 C. 157.50 D. 152.50

Q2. What is 22% of 500?

A. 110 B. 120 C. 105 D. 115

Q3. What is 12% of 250?

A. 25 B. 35 C. 40 D. 30

Q4. An article is bought for Rs. 1000 and sold for Rs. 1250. What is the profit percentage?

A. 30% B. 25% C. 23% D. 35%

Q5. An article is bought for Rs. 900 and sold for Rs. 1008. What is the profit percentage?

A. 10% B. 22% C. 17% D. 12%

Q6. An article is bought for Rs. 1500 and sold for Rs. 1650. What is the profit percentage?

A. 15% B. 8% C. 20% D. 10%

Q7. Find the average of 40, 20, 30, 35, 40.

A. 35 B. 33 C. 31 D. 37

Q8. Find the average of 25, 15, 15, 70, 40.

A. 33 B. 31 C. 37 D. 35

Q9. Find the average of 55, 50, 60, 20, 65.

A. 54 B. 48 C. 52 D. 50

Q10. If 20 workers can complete a work in 6 days, how many days will 10 workers take to complete the same work?

A. 12 days B. 17 days C. 14 days D. 10 days

Q11. If 10 workers can complete a work in 10 days, how many days will 4 workers take to complete the same work?

A. 23 days B. 25 days C. 30 days D. 27 days

Q12. If 10 workers can complete a work in 10 days, how many days will 4 workers take to complete the same work?

A. 30 days B. 25 days C. 27 days D. 23 days

Q13. A train moves at 50 km/h for 5 hours. What distance does it cover?

A. 250 km B. 230 km C. 280 km D. 270 km

Q14. A train moves at 75 km/h for 3 hours. What distance does it cover?

A. 205 km B. 225 km C. 245 km D. 255 km

Q15. A train moves at 75 km/h for 2 hours. What distance does it cover?

A. 170 km B. 130 km C. 150 km D. 180 km

Q16. Find the simple interest on Rs. 8000 at 12% per annum for 5 years.

A. Rs. 4700 B. Rs. 4800 C. Rs. 5000 D. Rs. 4900

Q17. Find the simple interest on Rs. 4000 at 5% per annum for 2 years.

A. Rs. 300 B. Rs. 400 C. Rs. 500 D. Rs. 600

Q18. Find the simple interest on Rs. 4000 at 10% per annum for 3 years.

A. Rs. 1100 B. Rs. 1400 C. Rs. 1200 D. Rs. 1300

Q19. If $2x + 9 = 27$, find x.

A. 10 B. 9 C. 8 D. 11

Q20. If $2x + 11 = 29$, find x.

A. 8 B. 9 C. 10 D. 11

Q21. If $2x + 5 = 25$, find x.

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

Q22. The side of a square is 14 cm. Find its perimeter.

A. 56 cm B. 60 cm C. 52 cm D. 196 cm

Q23. The side of a square is 15 cm. Find its area.

A. 225 sq cm B. 240 sq cm C. 60 sq cm D. 210 sq cm

Q24. The side of a square is 14 cm. Find its perimeter.

A. 60 cm B. 56 cm C. 196 cm D. 52 cm

Q25. A sum of Rs. 180 is divided in the ratio 4:5. What is the first share?

A. Rs. 85 B. Rs. 100 C. Rs. 75 D. Rs. 80

Q26. A sum of Rs. 180 is divided in the ratio 4:5. What is the first share?

A. Rs. 100 B. Rs. 80 C. Rs. 75 D. Rs. 85

Q27. A sum of Rs. 70 is divided in the ratio 3:4. What is the first share?

A. Rs. 30 B. Rs. 25 C. Rs. 40 D. Rs. 35

Q28. Find the value of $15 \times 6 + 6^2$.

A. 120 B. 90 C. 126 D. 132

Q29. Find the value of $12 \times 4 + 4^2$.

A. 60 B. 68 C. 48 D. 64

Q30. Find the value of $45 \times 6 + 6^2$.

A. 306 B. 270 C. 300 D. 312

Reasoning and General Intelligence

Q31. Find the missing number: 3, 9, 15, 21, 27, ?

A. 35 B. 33 C. 31 D. 38

Q32. Find the missing number: 2, 6, 14, 26, 42, ?

A. 64 B. 67 C. 60 D. 62

Q33. Find the missing number: 4, 12, 36, 108, 324, ?

A. 974 B. 970 C. 972 D. 977

Q34. Find the missing number: 4, 10, 16, 22, 28, ?

A. 32 B. 36 C. 34 D. 39

Q35. Find the missing number: 1, 3, 7, 13, 21, ?

A. 29 B. 31 C. 36 D. 33

Q36. Find the missing number: 3, 6, 12, 24, 48, ?

A. 94 B. 101 C. 98 D. 96

Q37. In a code language, FISH is written as HKUJ. How will CAT be written?

A. DBU B. FDW C. GEX D. ECV

Q38. In a code language, MOON is written as NPPO. How will PLANT be written?

A. SODQW B. RNCPV C. PLANT D. QMBOU

Q39. In a code language, LION is written as MJPO. How will DOG be written?

A. EPH B. GRJ C. DOG D. FQI

Q40. In a code language, TREE is written as WUHH. How will DOG be written?

A. GRJ B. ITL C. FQI D. HSK

Q41. In a code language, CAT is written as FDW. How will STAR be written?

A. UVCT B. VWDU C. XYFW D. WXEV

Q42. In a code language, TREE is written as USFF. How will PLANT be written?

A. QMBOU B. SODQW C. PLANT D. RNCPV

Q43. Choose the related word: Car : Road :: Train : ?

A. Pressure B. Hospital C. Track D. Field

Q44. Choose the related word: Bird : Nest :: Bee : ?

A. Hospital B. Market C. Track D. Hive

Q45. Choose the related word: Doctor : Hospital :: Teacher : ?

A. Court B. School C. Hospital D. Field

Q46. Choose the related word: Farmer : Field :: Teacher : ?

A. Field B. Market C. Painting D. Classroom

Q47. Choose the related word: Fish : Water :: Bird : ?

A. Sky B. Court C. Book D. Direction

Q48. Choose the odd one out.

A. Lion B. Tiger C. Cow D. Leopard

Q49. Choose the odd one out.

A. Tiger B. Lion C. Cow D. Leopard

Q50. Choose the odd one out.

A. Silver B. Iron C. Wood D. Copper

Q51. Choose the odd one out.

A. Sunday B. April C. January D. March

Q52. Choose the odd one out.

A. Banana B. Mango C. Apple D. Carrot

Q53. A person is facing west. He turns left. Which direction is he facing now?

A. North B. South C. East D. West

Q54. A person is facing north. He turns right. Which direction is he facing now?

A. North B. South C. East D. West

Q55. A person is facing east. He turns right. Which direction is he facing now?

A. North B. South C. East D. West

Q56. A person is facing north. He turns right. Which direction is he facing now?

A. North B. South C. East D. West

Q57. If A = 1, B = 2, C = 3 and so on, what is the value of FACE?

A. 14 B. 15 C. 16 D. 18

Q58. If A = 1, B = 2, C = 3 and so on, what is the value of BAD?

A. 10 B. 7 C. 6 D. 8

Q59. If A = 1, B = 2, C = 3 and so on, what is the value of GAME?

A. 26 B. 27 C. 25 D. 29

Q60. If A = 1, B = 2, C = 3 and so on, what is the value of GAME?

A. 25 B. 26 C. 29 D. 27

English Language and Comprehension

Q61. Choose the correct synonym of 'Brave'.

A. Silent B. Courageous C. Cowardly D. Lazy

Q62. Choose the correct synonym of 'Accurate'.

A. Correct B. Wrong C. Careless D. Vague

Q63. Choose the correct synonym of 'Abundant'.

A. Empty B. Tiny C. Rare D. Plentiful

Q64. Choose the correct synonym of 'Brief'.

A. Short B. Wide C. Heavy D. Long

Q65. Choose the correct synonym of 'Diligent'.

A. Lazy B. Hard-working C. Noisy D. Careless

Q66. Choose the correct antonym of 'Temporary'.

A. Recent B. Short C. Permanent D. Passing

Q67. Choose the correct antonym of 'Victory'.

A. Success B. Win C. Achievement D. Defeat

Q68. Choose the correct antonym of 'Expand'.

A. Grow B. Spread C. Contract D. Increase

Q69. Choose the correct antonym of 'Ancient'.

A. Old B. Modern C. Early D. Historic

Q70. Choose the correct antonym of 'Transparent'.

A. Bright B. Clear C. Visible D. Opaque

Q71. Fill in the blank: The work was completed ____ the team.

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

Q72. Fill in the blank: He is senior ____ me.

A. to B. from C. over D. than

Q73. Fill in the blank: They have been living here ____ 2018.

A. from B. for C. since D. by

Q74. Fill in the blank: This is ____ useful book.

A. a B. the C. an D. no article

Q75. Fill in the blank: Neither of the answers ____ correct.

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

Q76. Fill in the blank: He ____ to office every day.

A. goes B. gone C. going D. go

Q77. Fill in the blank: She is good ____ mathematics.

A. at B. in C. on D. by

Q78. Fill in the blank: I prefer tea ____ coffee.

A. to B. over C. from D. than

Q79. Choose the meaning of the idiom 'Break the ice'.

A. Miss a chance B. End a meeting C. Lose temper D. Start a conversation

Q80. Choose the meaning of the idiom 'Once in a blue moon'.

A. Very often B. Very rarely C. Carelessly D. Immediately

Q81. Choose the meaning of the idiom 'A blessing in disguise'.

A. A direct insult B. A hidden benefit C. A sudden loss D. A visible problem

Q82. Choose the meaning of the idiom 'Hit the nail on the head'.

A. Avoid the topic B. Run away C. Say exactly the right thing D. Make a mistake

- Q83.** Choose the meaning of the idiom 'Under the weather'.
A. Highly active B. Very rich C. Feeling unwell D. Very happy
- Q84.** One word substitution: A place where books are kept.
A. Gallery B. Laboratory C. Library D. Museum
- Q85.** One word substitution: A person who studies stars and planets.
A. Biologist B. Economist C. Geologist D. Astronomer
- Q86.** One word substitution: A person who cannot read or write.
A. Editor B. Scholar C. Literate D. Illiterate
- Q87.** One word substitution: A person who writes poems.
A. Novelist B. Editor C. Singer D. Poet
- Q88.** One word substitution: A speech delivered without preparation.
A. Dialogue B. Monologue C. Debate D. Extempore
- Q89.** Choose the correctly spelled word.
A. Accommodation B. Acomodation C. Accomodation D. Acommodation
- Q90.** Choose the correctly spelled word.
A. Separete B. Seperate C. Seprate D. Separate
- Q91.** Choose the correctly spelled word.
A. Govnment B. Goverment C. Government D. Govenment
- Q92.** Choose the correctly spelled word.
A. Receve B. Receeve C. Receive D. Recieve
- Q93.** Choose the correctly spelled word.
A. Necessary B. Neccessary C. Necesarry D. Necessary
- Q94.** Choose the correctly arranged sentence.
A. Brings hard work success. B. Hard work brings success. C. Work hard success brings. D. Success brings hard work.
- Q95.** Choose the correct active voice: 'The letter was written by Ramesh.'
A. Ramesh was writing the letter. B. Ramesh wrote the letter. C. Ramesh writes the letter. D. Ramesh has written the letter.
- Q96.** Identify the correctly punctuated sentence.
A. Where, are you going? B. Where are you going? C. Where are you going. D. Where are you going!
- Q97.** Choose the correct active voice: 'The letter was written by Ramesh.'
A. Ramesh was writing the letter. B. Ramesh has written the letter. C. Ramesh wrote the letter. D. Ramesh writes the letter.
- Q98.** Choose the correctly arranged sentence.
A. Brings hard work success. B. Work hard success brings. C. Success brings hard work. D. Hard work brings success.
- Q99.** Choose the correctly arranged sentence.
A. Work hard success brings. B. Success brings hard work. C. Hard work brings success. D. Brings hard work success.
- Q100.** Choose the correct active voice: 'The letter was written by Ramesh.'
A. Ramesh was writing the letter. B. Ramesh wrote the letter. C. Ramesh writes the letter. D. Ramesh has written the letter.
- Q101.** Choose the word closest in meaning to 'Reliable'.
A. Confused B. Careless C. Trustworthy D. Weak
- Q102.** Choose the correct sentence.

A. He does not like tea. B. He do not like tea. C. He does not likes tea. D. He not like tea.

Q103. Choose the correct sentence.

A. The information are useful. B. The informations is useful. C. The informations are useful. D. The information is useful.

Q104. Choose the word closest in meaning to 'Reliable'.

A. Trustworthy B. Confused C. Weak D. Careless

Q105. Choose the correct sentence.

A. The informations are useful. B. The information are useful. C. The informations is useful. D. The information is useful.

General Awareness

Q106. Photosynthesis mainly occurs in which part of a plant?

A. Flower B. Stem C. Roots D. Leaves

Q107. Which Indian state is famous for the Hornbill Festival?

A. Meghalaya B. Nagaland C. Manipur D. Assam

Q108. Which is the smallest bone in the human body?

A. Tibia B. Femur C. Radius D. Stapes

Q109. Who discovered the sea route to India in 1498?

A. Vasco da Gama B. Magellan C. Columbus D. Marco Polo

Q110. The fundamental duties are mentioned in which part of the Constitution?

A. Part IV B. Part III C. Part IVA D. Part VI

Q111. Which is the largest organ of the human body?

A. Liver B. Heart C. Skin D. Lungs

Q112. Article 14 of the Indian Constitution deals with:

A. Right to life B. Equality before law C. Right to education D. Freedom of speech

Q113. Who gave the slogan Jai Jawan Jai Kisan?

A. Atal Bihari Vajpayee B. Lal Bahadur Shastri C. Indira Gandhi D. Mahatma Gandhi

Q114. GDP stands for:

A. Government Domestic Price B. Gross Domestic Product C. Global Development Plan D. General Domestic Product

Q115. Who was the first President of India?

A. Dr. Rajendra Prasad B. C. Rajagopalachari C. Dr. S. Radhakrishnan D. Jawaharlal Nehru

Q116. The chemical symbol of gold is:

A. Fe B. Hg C. Ag D. Au

Q117. Which schedule of the Constitution contains the list of official languages?

A. Eighth Schedule B. First Schedule C. Tenth Schedule D. Fifth Schedule

Q118. The largest continent in the world is:

A. North America B. Africa C. Europe D. Asia

Q119. Which part of the brain controls balance and coordination?

A. Hypothalamus B. Cerebrum C. Cerebellum D. Medulla

Q120. Who wrote the national song Vande Mataram?

A. Bankim Chandra Chatterjee B. Rabindranath Tagore C. Subhas Chandra Bose D. Sarojini Naidu

Q121. Which is the highest civilian award in India?

A. Padma Bhushan B. Bharat Ratna C. Arjuna Award D. Padma Shri

Q122. Which blood group is known as universal donor?

A. AB positive B. A positive C. B negative D. O negative

Q123. The study of earthquakes is called:

A. Ecology B. Seismology C. Geology D. Meteorology

Q124. The currency of Japan is:

A. Peso B. Won C. Yen D. Dollar

Q125. Which metal is liquid at room temperature?

A. Iron B. Aluminium C. Copper D. Mercury

Q126. Which city is known as the Silicon Valley of India?

A. Mumbai B. Pune C. Hyderabad D. Bengaluru

Q127. The Battle of Plassey was fought in which year?

A. 1757 B. 1947 C. 1764 D. 1857

Q128. Which planet is known as the Red Planet?

A. Saturn B. Mars C. Jupiter D. Venus

Q129. The headquarters of ISRO is located in:

A. Mumbai B. New Delhi C. Hyderabad D. Bengaluru

Q130. The capital of Australia is:

A. Canberra B. Sydney C. Melbourne D. Perth

Computer Knowledge

Q131. Which of the following is an output device?

A. Scanner B. Mouse C. Printer D. Keyboard

Q132. Which command saves a document in most applications?

A. Ctrl + X B. Ctrl + A C. Ctrl + S D. Ctrl + P

Q133. Cloud storage means:

A. Deleting data B. Storing only in RAM C. Printing data D. Storing data on remote servers

Q134. Binary number system uses:

A. 0 and 1 B. A to F only C. 0 to 9 D. 1 and 2

Q135. Which key is used to delete characters to the left of cursor?

A. Backspace B. Tab C. Delete D. Shift

Q136. Which file extension is commonly used for PDF files?

A. .jpg B. .pdf C. .exe D. .mp3

Q137. Which device is used to input text into a computer?

A. Printer B. Keyboard C. Speaker D. Monitor

Q138. Which software is used to browse websites?

A. Web browser B. Spreadsheet C. Media player D. Compiler

Q139. Which of the following is used to send email?

A. SMTP B. CPU C. HTTP D. FTP

Q140. Firewall is used for:

A. Typing B. Printing C. Data entry D. Network security

Q141. Which application is used for presentations?

A. Access B. PowerPoint C. Excel D. Notepad

Q142. Which of the following is a search engine?

A. Windows B. PowerPoint C. Google D. Linux

Q143. A strong password should contain:

A. Letters, numbers and symbols B. Only name C. Only birth year D. Only phone number

Q144. Which memory is non-volatile?

A. Cache B. Register C. RAM D. ROM

Q145. RAM is a type of:

A. Permanent storage B. Input device C. Volatile memory D. Output device

Q146. A spreadsheet is mainly used for:

A. Video editing B. Scanning C. Painting D. Calculations and data tables

Q147. Which of these is not an input device?

A. Scanner B. Mouse C. Monitor D. Keyboard

Q148. URL stands for:

A. Unified Router Location B. Uniform Resource Locator C. User Resource Line D. Universal Record Link

Q149. CPU stands for:

A. Computer Processing Utility B. Central Processing Unit C. Central Program Unit D. Control Processing Unit

Q150. One byte is equal to:

A. 16 bits B. 8 bits C. 4 bits D. 32 bits

DEST Practice Passage

Type the following passage in a separate typing practice tool. Focus on accuracy, punctuation and spacing before improving speed.

A disciplined candidate plans the day, revises regularly and practices mock tests under exam conditions. Time management is important in every competitive examination. Typing practice should be done daily with attention to accuracy, because small mistakes can reduce performance in a skill-based test.

Answer Key

Q	Ans	Q	Ans	Q	Ans	Q	Ans	Q	Ans
1	A	2	A	3	D	4	B	5	D
6	D	7	B	8	A	9	D	10	A
11	B	12	B	13	A	14	B	15	C
16	B	17	B	18	C	19	B	20	B
21	D	22	A	23	A	24	B	25	D
26	B	27	A	28	C	29	D	30	A
31	B	32	D	33	C	34	C	35	B
36	D	37	D	38	D	39	A	40	A
41	B	42	A	43	C	44	D	45	B
46	D	47	A	48	C	49	C	50	C
51	A	52	D	53	B	54	C	55	B
56	C	57	B	58	B	59	A	60	B
61	B	62	A	63	D	64	A	65	B
66	C	67	D	68	C	69	B	70	D
71	A	72	A	73	C	74	A	75	B
76	A	77	A	78	A	79	D	80	B
81	B	82	C	83	C	84	C	85	D
86	D	87	D	88	D	89	A	90	D
91	C	92	C	93	D	94	B	95	B
96	B	97	C	98	D	99	C	100	B
101	C	102	A	103	D	104	A	105	D
106	D	107	B	108	D	109	A	110	C
111	C	112	B	113	B	114	B	115	A
116	D	117	A	118	D	119	C	120	A
121	B	122	D	123	B	124	C	125	D
126	D	127	A	128	B	129	D	130	A
131	C	132	C	133	D	134	A	135	A
136	B	137	B	138	A	139	A	140	D
141	B	142	C	143	A	144	D	145	C
146	D	147	C	148	B	149	B	150	B

Selected Solutions

Q1. Correct answer: A (157.5)

$35\% \text{ of } 450 = 35/100 \times 450 = 157.5.$

Q2. Correct answer: A (110)

$22\% \text{ of } 500 = 22/100 \times 500 = 110.$

Q3. Correct answer: D (30)

$12\% \text{ of } 250 = 12/100 \times 250 = 30.$

Q31. Correct answer: B (33)

The series increases by 6 each time. Next number = 33.

Q32. Correct answer: D (62)

The differences increase by 4: next difference is 20. Next number = 62.

Q33. Correct answer: C (972)

Each term is multiplied by 3. Next number = 972.

Q61. Correct answer: B (Courageous)

'Brave' means Courageous.

Q62. Correct answer: A (Correct)

'Accurate' means Correct.

Q63. Correct answer: D (Plentiful)

'Abundant' means Plentiful.

Q106. Correct answer: D (Leaves)

Correct answer: Leaves.

Q107. Correct answer: B (Nagaland)

Correct answer: Nagaland.

Q131. Correct answer: C (Printer)

Correct answer: Printer.

Q132. Correct answer: C (Ctrl + S)

Correct answer: Ctrl + S.

Score Calculation Sheet

Use this sheet after checking the answer key. Apply the latest official marking scheme as per the SSC notification.

Item	Your Count / Score
Total Questions Attempted	
Correct Answers	
Wrong Answers	
Unattempted Questions	
Final Score	

Practice Review Sheet

Section	Strong / Weak	Topics to Revise
Mathematical Abilities		
Reasoning		
English		
General Awareness		
Computer Knowledge		
DEST Typing		