PREVIOUS YEAR PAPER

SSC CGL 2016 Tier I — 2 September 2016, Shift 2

SSC CGL · 2 September 2016 · 1:15 PM - 2:30 PM

76 of the paper's 100 questions · +2 for a correct answer, −0.5 for a wrong one · 75 minutes

Left out of the original paper: 24 (any question that needs a figure or formatting we cannot show, has no answer in the response sheet, or could not be checked against a second copy of the paper).

Questions from the Staff Selection Commission's paper of 2 September 2016, 1:15 PM - 2:30 PM. Each question is followed by its answer, and the answer key is repeated on the last page.

Take it as a timed practice test: exambharo.com/ssc-cgl/previous-year-papers/ssc-cgl-2016-tier-1-2-sep-shift-2/

General Intelligence and Reasoning

1. Select the related word/letters/numbers from the given alternatives: Peacock : India :: Bear : ?
   (a) Australia
   (b) America
   (c) England
   (d) Russia
   Answer: (d)

2. Select the related word/letters/numbers from the given alternatives: BDCE : FHGI : : RTSU : ?
   (a) VYWX
   (b) XYVW
   (c) VWXY
   (d) VXWY
   Answer: (d)

3. Select the related word/letters/numbers from the given alternatives: 6:5::8:?
   (a) 2
   (b) 4
   (c) 6
   (d) 10
   Answer: (c)

4. For the following questions Find the odd words / letters / numbers from the given alternatives .
   (a) Moon
   (b) Mars
   (c) Venus
   (d) Jupiter
   Answer: (a)

5. For the following questions Find the odd words / letters / numbers from the given alternatives .

(a) ACEG

(b) IKMO

(c) FHJL

(d) TUWY

Answer: (d)

6. For the following questions Find the odd words / letters / numbers from the given alternatives .

(a) 6

(b) 24

(c) 64

(d) 120

Answer: (c)

7. Arrange the following words according to the dictionary order a) Approach b) Appropriate c) Approval d) Approve

(a) acdb

(b) abdc

(c) cdab

(d) abcd

Answer: (d)

8. A series is given , with one term missing . Choose the correct alternative from the given ones that will complete the series .
ajs , gpy , ? , sbk , yhq

(a) dmv

(b) mve

(c) oua

(d) qzi

Answer: (b)

9. A series is given , with one term missing . Choose the correct alternative from the given ones that will complete the series .
5 , 9 , 6 , 11, 7 , ?

(a) 13

(b) 15

(c) 17

(d) 19

Answer: (a)

10. Anand is son of Prema . Rajeev is brother of Prema . Neha is daughter of Rashmi . Neha is sister of Rajeev . How is Anand related to Rashmi ?

(a) Son

(b) Grand Son

(c) Grand father

(d) Grand daughter

Answer: (b)

11. Nikhil is 8 yr younger than his brother Rohan . How old will Rohan be when he is twice as old as Nikhil ?

(a) 4 yr

(b) 6 yr

(c) 8 yr

(d) 16 yr

Answer: (d)

12. From the given alternative words, select the word which cannot be formed using the letters of the given word : ORGANISATION

(a) GRANT

(b) NATION

(c) GIANTS

(d) ORANGE

Answer: (d)

13. If EARTHQUAKE is coded as EKAUQHT[illegible] the [illegible]LECTORATE will be coded as ?

(a) ETAROELECT

(b) EARTOTCELE

(c) ETAROTCELE

(d) ETAROCTELE

Answer: (c)

15. Given equations are solved on the basis of a certain system. Find the correct answer for the unsolved equation on that basis : 2 + 4 + 6 = 48 and 3 + 2 + 8 = 48 , then 2 + 5 + 7 = ?

(a) 48

(b) 70

(c) 14

(d) 59

Answer: (b)

16. Select the missing number from the given alternatives

(a) 19

(b) 22

(c) 26

(d) 25

Answer: (d)

17. If North is called North west , West is called South west , South is called South east and so on . A person walks straight from South west to North east and then turns left . Walks straight and again turns left . Now at what direction he is facing ?

(a) South

(b) North east

(c) North

(d) South west

Answer: (d)

18. In the following question, one or two statement(s) is/are given followed by two conclusions/ assumptions, I and II. You have to consider the statement to be true, even if it seems to be at variance from commonly known facts. You are to decide which of the given conclusions/ assumptions can definitely be drawn from the given statement. Indicate your answer. Statement: Some kings are queens. All queens are beautiful . Conclusions:I- All kings are beautiful. Conclusions:II- All queens are kings

(a) Only conclusion I follows

(b) Only conclusion II follows

(c) Either conclusion I or II follows

(d) Neither conclusion I nor conclusion II follows

Answer: (d)

25. The sets of numbers given in the alternatives are represented. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g.,A can be represented by 12,24, etc., and 'R' can be represented by 57, 76, etc. Similarly you have to identify the set for the word 'ROSE'

(a) 86, 67, 33, 44

(b) 88, 76, 31, 32

(c) 95, 75, 02, 32

(d) 57, 87, 32, 33

Answer: (c)

General Awareness

26. Inflation is a situation characterised by

(a) Too much money chasing too few goods

(b) Too few money chasing too much goods

(c) Too many people chasing too few goods

(d) Too many people chasing too little money

Answer: (a)

27. Which of the following was published by Gandhji during his stay in South Africa?
    (a) Young India
    (b) Indian Opinion
    (c) Nav Jivan
    (d) None of these

    Answer: (b)

28. What was the immediate aim of the Treaty of Purander in 1665?
    (a) To gain goodwill of Shivaji
    (b) To sow seeds of contention between Shivaji and Sultan of Bijapur
    (c) To deceive Shivaji
    (d) To make Shivaji a puppet of Mughals

    Answer: (b)

29. Match the following:
    (a) A-4, B-1, C-3, D-2
    (b) A-3, B-2, C-4, D-1
    (c) A-2, B-3, C-1, D-4
    (d) A-1, B-4, C-2, D-3

    Answer: (a)

30. Blood is red in colour due to the presence of _____ .
    (a) Cytochrome
    (b) Chlorophyll
    (c) Hemocyanin
    (d) Haemoglobin

    Answer: (d)

31. Which one of the following events in a botanical garden is never directly influenced by light?
    (a) Flowering
    (b) Photosynthesis
    (c) Transpiration
    (d) Fertilization

    Answer: (d)

32. What type of lens is used to correct vision of a person suffering from Myopia?
    (a) Convex lens
    (b) Concave lens
    (c) Crossed lens
    (d) Cylindrical lens

    Answer: (b)

33. Iodex, a pain relief balm, has the smell of _____ .
    (a) Methyl salicylate
    (b) Ethyl salicylate
    (c) Propyl salicylate
    (d) Butyl salicylate

    Answer: (a)

34. Which of the following is usually not an air-pollutant?
    (a) Hydrocarbons
    (b) Sulphur dioxide
    (c) Carbon dioxide
    (d) Nitrous oxide

    Answer: (d)

35. Which of the following is called the Land of White Elephants?
    (a) Thailand
    (b) Africa
    (c) Cuba
    (d) Turkey

    Answer: (a)

36. On April 10 2016, a huge fire broke out during fireworks display at one of the following temples of Kerala .
    (a) Chhotanikkara temple
    (b) Puttingal temple
    (c) Vishnuvira temple
    (d) Manarasala temple

    Answer: (b)

37. Which of the following games was included in Rio Olympics after more than 100 years?
    (a) Diving
    (b) Taekwondo
    (c) Beach Volleyball
    (d) Golf

    Answer: (d)

38. One of the following is 'Labour' in Economics.
    (a) A Musician performing for a benefit fund
    (b) A Painter working for his own pleasure
    (c) Reading a book as a hobby
    (d) A Mother teaching her own son

    Answer: (a)

39. Which of the following is a fish?
(a) Jelly fish
(b) Lobster
(c) Salmon
(d) Whale
Answer: (c)

41. A man standing close to the platform at a railway station experiences a pulling force towards a fast moving train because of _____ .
(a) gravitational force between train and man
(b) illusion of the man
(c) the centripetal force
(d) pressure difference due to fast moving air in between
Answer: (d)

42. The Network is overloaded with enormous data sent by many computers within the network. The inability of the network to deliver the data is termed as _____ .
(a) Access control
(b) Congestion
(c) Error propagation
(d) Deadlock
Answer: (b)

43. Who is referred to as 'Frontier Gandhi'?
(a) Sheikh Abdullah
(b) Manilal Gandhi
(c) Khan Abdul Gaffar Khan
(d) Gopal Krishna Gokhale
Answer: (c)

44. Which of the following fuels causes minimum environmental pollution?
(a) Diesel
(b) Kerosene
(c) Hydrogen
(d) Coal
Answer: (c)

45. ‘Sun Temple’ is situated in the state of _____ .
(a) Rajasthan
(b) Andhra Pradesh
(c) Odisha
(d) Tamil Nadu
Answer: (c)

46. Vinegar is _____ .
    (a) diluted acetic acid
    (b) glacial acetic acid
    (c) glacial formic acid
    (d) diluted formic acid

    Answer: (a)

47. Open Market Operations refer to _____ .
    (a) Borrowings by Scheduled banks from RBI
    (b) Lending by Commercial banks to industry
    (c) Purchase and sale of Government securities by RBI
    (d) Deposit mobilisation

    Answer: (c)

48. International 'Yoga Divas' is celebrated every year on _____ .
    (a) 21st May
    (b) 21st June
    (c) 25th May
    (d) 25th June

    Answer: (b)

49. Which of the following Article of Indian Constitution deals with the Right to Equality before Law?
    (a) Article - 13
    (b) Article - 14
    (c) Article - 15
    (d) Article - 17

    Answer: (b)

50. A group of inter-connected islands is known as _____ .
    (a) Strait
    (b) Peninsula
    (c) Archipelago
    (d) Lagoon

    Answer: (c)

Quantitative Aptitude

52. A hollow hemispherical bowl is made of silver with its outer radius 8 cm and inner radius 4 cm respectively. The bowl is melted to form a solid right circular cone of radius 8 cm. The height of the cone formed is
    (a) 7 cm
    (b) 9 cm
    (c) 12 cm
    (d) 14 cm

    Answer: (d)

54. The railway fares of air conditioned sleeper and ordinary sleeper class are in the ratio 4:1. The number of passengers travelled by air conditioned sleeper and ordinary sleeper classes were in the ratio 3:25. If the total collection was Rs. 37,000, how much did air conditioner sleeper passengers pay?

(a) Rs. 15,000

(b) Rs. 10,000

(c) Rs. 12,000

(d) Rs. 16,000

Answer: (c)

55. If the cost price of 20 books is the same as selling price of 25 books, then the loss percentage is

(a) 20

(b) 25

(c) 22

(d) 24

Answer: (a)

56. The number of students in a class is increased by 20% and the number now becomes 66. Initially the number was

(a) 45

(b) 50

(c) 55

(d) 60

Answer: (c)

57. Two trains start from a certain place on two parallel tracks in the same direction. The speed of the trains are 45 Km/hr and 40 Km/hr respectively. The distance between the two trains after 45 minutes will be

(a) 2.5 km

(b) 2.75 km

(c) 3.7 km

(d) 3.75 km

Answer: (d)

60. The vertical angle A of an isosceles triangle ΔABC is three times the angle B of it. The measure of the angle A is

(a) 90°

(b) 108°

(c) 100°

(d) 36°

Answer: (b)

61. Two circles touch each other internally. The radius of the larger circle is 6 cm and the distance between the centre is 2 cm, then the radius (in cms) of the other circle is

(a) 8

(b) 2

(c) 4

(d) 3

Answer: (c)

63. When n is divided by 4, the remainder is 3. The remainder when 2n is divided by 4 is:

(a) 1

(b) 2

(c) 3

(d) 6

Answer: (b)

64. Eight members of a club donate Rs. 100 each towards a Relief Fund and the President of the club donates Rs. 50 more than the average donation of all (including President) of them. Then the contribution of the president is

(a) 106.25

(b) 156.25

(c) 56.25

(d) 206.25

Answer: (a)

70. If the simple interest on a sum of money for 2 years at 5% per annum is Rs. 50, the compound interest on the same at the same rate and for the same time

(a) Rs. 50.50

(b) Rs. 51.25

(c) Rs. 51.50

(d) Rs. 50.05

Answer: (b)

72. Study the bar diagram carefully and answer the following questions. Export (in Billion Rupees) of gems and jewellry in the year 1991-1992 is given.
The ratio of the sum of the exports to the bottom six countries to the total exports to all the given countries in 1991-1992 is approximately:

(a) 1/6

(b) 1/5

(c) 1/8

(d) 2/9

Answer: (a)

73. Study the bar diagram carefully and answer the following questions. Export (in Billion Rupees) of gems and jewellry in the year 1991-1992 is given.
The country to which twice the export is nearly equal to the average exports in 1991-92 is

(a) U.K

(b) Thailand

(c) Israel

(d) UAE

Answer: (d)

74. Study the bar diagram carefully and answer the following questions. Export (in Billion Rupees) of gems and jewellry in the year 1991-1992 is given.
The ratio of the total exports to Japan, Belgium and HongKong to the export to rest of the countries in 1991-92 is nearly:

(a) 35:34

(b) 35:69

(c) 69:35

(d) 35:35

Answer: (a)

75. Study the bar diagram carefully and answer the following questions. Export (in Billion Rupees) of gems and jewellry in the year 1991-1992 is given.
The export to Hongkong is approximately how many times the export to Germany?

(a) 8

(b) 9

(c) 10

(d) 11

Answer: (c)

English Comprehension

76. In the following question, out of the four alternatives, choose the word which best expresses the meaning of the given word and click the button corresponding to it. SCANDALIZED

(a) IRRITATED

(b) SCARED

(c) WORRIED

(d) SHOCKED

Answer: (d)

77. In the following question, out of the four alternatives, choose the word which is opposite in meaning to the given word and click the button corresponding to it. INSOLENT

(a) MANNERLY

(b) HAUGHTY

(c) DEFIANT

(d) RUDE

Answer: (a)

78. Four words are given, out of which only one word is spelt correctly. Choose the correctly spelt word and click the button corresponding to it.

(a) Immense

(b) Imense

(c) Immiense

(d) Imminse

Answer: (a)

79. In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, click the "No error" option. The leader (A) / with all his followers (B) / are send to prison. (C) / No Error (D)

(a) A

(b) B

(c) C

(d) D

Answer: (c)

80. In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, click the "No error" option. Do you know (A) / whom the (B) / next speaker is? (C) / No Error (D)

(a) A

(b) B

(c) C

(d) D

Answer: (b)

81. In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, click the "No error" option. He is having an attack (A) / of fever everyday (B) / for the last few days. (C) / No Error (D)

(a) A

(b) B

(c) C

(d) D

Answer: (a)

82. The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it. Children must be _____ to their parents.

(a) obedient

(b) obeying

(c) obey

(d) obeyed

Answer: (a)

83. The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it. Every minister is _____ to the Parliament.

(a) responsive

(b) response

(c) responsibility

(d) responsible

Answer: (d)

84. The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it. She had a _____ talk with her friend.

(a) hard to hard

(b) heart to heart

(c) hard to heart

(d) heart to hard

Answer: (b)

85. In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase and click the button corresponding to it. Bark is worse than his bite

(a) Threat is worse than the action taken

(b) Temper cannot be controlled

(c) Ferocious scolding hurt more than his action

(d) Anger is always justified

Answer: (a)

86. In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase and click the button corresponding to it. Throw caution to the winds

(a) To be fearful

(b) To warn others not to travel

(c) To behave recklessly

(d) To behave with care and caution

Answer: (c)

87. In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase and click the button corresponding to it. Ill at ease

(a) Unwell

(b) Irritated

(c) Uneasy

(d) Confused

Answer: (c)

88. Out of the four alternatives, choose the one which can be substituted for the given words/ sentences and click the button corresponding to it. An action or event that happens before another important one and forms an introduction to it.

(a) Foreword

(b) Predecessor

(c) Prefix

(d) Prelude

Answer: (d)

89. Out of the four alternatives, choose the one which can be substituted for the given words/ sentences and click the button corresponding to it. A computer printout sent out by a bank regarding debits and credits in your account.

(a) Bank draft

(b) Statement

(c) Over-draft

(d) Payee

Answer: (b)

90. Out of the four alternatives, choose the one which can be substituted for the given words/ sentences and click the button corresponding to it. Refresh and revive

(a) Invigorate

(b) Investigate

(c) Invalidate

(d) Invigilate

Answer: (a)

Passage — for questions 96–100

> A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it. My worries were increasing. The boy at the shop was becoming more clamorous. My sales were poor, as the railways were admitting more pedlars on the platforms. My cash receipts were going down and my credit sales alone flourished. The wholesale merchants who supplied me with goods stopped credit to me. The boy's method of account-keeping was so chaotic that I did not know whether I was moving forward or backward. He produced cash from the counter in a haphazard manner, and there were immense gaps on the shelves all over the shop. The complaint by the public was that nothing one wanted was ever available. Suddenly the railways gave me notice to quit. I pleaded with the old stationmaster and porter, but they could do nothing; the order had come from high up. The shop was given to a new contractor. I could not contemplate the prospect of being cut off from the railways. I grew desperate and angry. I shed tears at seeing a new man in the place where I and my father had sat. I slapped the boy on the cheek and he cried, and his father, the porter, came down on me and said, 'this is what he gets for helping you!

96. I'd always told the boy- He was not your paid servant, anyway.' Why does the speaker say that his sales were poor?

(a) Because his cash receipts were going down

(b) Because the boy at the shop was becoming more clamorous.

(c) Because the railways were admitting more pedlars on the platform

(d) Because there were no buyers

Answer: (c)

97. I'd always told the boy- He was not your paid servant, anyway.' How did the boy's method of account-keeping affect the speaker?

(a) His worries increased

(b) He produced cash from the counter in a haphazard manner.

(c) His sales were poor

(d) He did not know if he was moving forward or backward

Answer: (d)

98. I'd always told the boy- He was not your paid servant, anyway.' Why did the public complain?

(a) Because his credit at the wholesalers' was gone

(b) Because nothing one ever wanted was available

(c) Because there were gaps on the shelves all over the shop

(d) Because the railways gave him notice to quit

Answer: (b)

99. I'd always told the boy- He was not your paid servant, anyway.' Where did the order to quit come from?

(a) From the old station master

(b) From high up.

(c) From the railway authorities

(d) From the contractor

Answer: (b)

100. I'd always told the boy- He was not your paid servant, anyway.' Why did the speaker shed tears?

(a) Because he saw a new person, where he and his father had sat

(b) Because he was cut off from the railways.

(c) Because he grew desperate and angry.

(d) Because he slapped the boy on the cheek.

Answer: (a)

Answer key

Answer key as marked in the Staff Selection Commission's response sheet. "—" means the sheet did not show it clearly.

General Intelligence and Reasoning

1	**(d)**	2	**(d)**	3	**(c)**	4	**(a)**	5	**(d)**	6	**(c)**	7	**(d)**	8	**(b)**
9	**(a)**	10	**(b)**	11	**(d)**	12	**(d)**	13	**(c)**	15	**(b)**	16	**(d)**	17	**(d)**
18	**(d)**	25	**(c)**												

General Awareness

26	**(a)**	27	**(b)**	28	**(b)**	29	**(a)**	30	**(d)**	31	**(d)**	32	**(b)**	33	**(a)**
34	**(d)**	35	**(a)**	36	**(b)**	37	**(d)**	38	**(a)**	39	**(c)**	41	**(d)**	42	**(b)**
43	**(c)**	44	**(c)**	45	**(c)**	46	**(a)**	47	**(c)**	48	**(b)**	49	**(b)**	50	**(c)**

Quantitative Aptitude

52	**(d)**	54	**(c)**	55	**(a)**	56	**(c)**	57	**(d)**	60	**(b)**	61	**(c)**	63	**(b)**
64	**(a)**	70	**(b)**	72	**(a)**	73	**(d)**	74	**(a)**	75	**(c)**				

English Comprehension

76	**(d)**	77	**(a)**	78	**(a)**	79	**(c)**	80	**(b)**	81	**(a)**	82	**(a)**	83	**(d)**
84	**(b)**	85	**(a)**	86	**(c)**	87	**(c)**	88	**(d)**	89	**(b)**	90	**(a)**	96	**(c)**
97	**(d)**	98	**(b)**	99	**(b)**	100	**(a)**								