PREVIOUS YEAR PAPER

SSC CGL 2016 Tier I — 7 September 2016, Shift 3

SSC CGL · 7 September 2016 · 4:15 PM - 5:30 PM

74 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: 26 (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 7 September 2016, 4:15 PM - 5:30 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-1-7-sep-shift-3/

General Intelligence and Reasoning

1. Select the related word/letters/numbers from the given alternatives: Money : Poverty : : Education: ?

(a) Knowledge
(b) Greediness
(c) Illiteracy
(d) Unsuccess

Answer: (c)

2. Select the related word/letters/numbers from the given alternatives: BEF : GJK : : LOP : ?

(a) QUV
(b) QTU
(c) QST
(d) QUT

Answer: (b)

3. Select the related word/letters/numbers from the given alternatives: 8: 32 : : ? : 108

(a) 22
(b) 24
(c) 27
(d) 29

Answer: (c)

4. For the following questions Find the odd words/letters/number from the given alternatives.

(a) CZHK
(b) MLAG
(c) XVBU
(d) SEND

Answer: (a)

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

(a) Lion

(b) Panther

(c) Tiger

(d) Wolf

Answer: (d)

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

(a) 5,124

(b) 7,342

(c) 3,26

(d) 2,15

Answer: (d)

7. Arrange the following words as per order in the dictionary. 1. Preach 2. Praise 3. Precinet 4. Precept 5. Precede

(a) 2, 1, 5, 4, 3

(b) 2, 1, 3, 4, 5

(c) 2, 5, 1, 4, 3

(d) 1, 2, 5, 4, 3

Answer: (a)

8. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series. BCF, CFI, DHL, ?

(a) EJO

(b) CJM

(c) EML

(d) EMI

Answer: (a)

9. In the following question, one term in the number series is wrong. Find out the wrong term? 5, 10, 40, 80, 320, 550, 2560

(a) 80

(b) 320

(c) 550

(d) 2560

Answer: (c)

10. A prime number between 10 and 50 remains unchanged if its digits are reversed. Then the square of such a number is:

(a) 121

(b) 484

(c) 1089

(d) 1936

Answer: (a)

11. Gopal is older than Mohan but younger than Ram. Mohan is older than Sohan but younger than Ram. Who is the oldest?

(a) Gopal

(b) Mohan

(c) Ram

(d) Sohan

Answer: (c)

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

(a) Devour

(b) Round

(c) Drown

(d) Drove

Answer: (c)

13. In a certain code GIVE is written as VIEG and OVER is written as EVRO. How will DISK be written in that code?

(a) SIDK

(b) KISD

(c) KDSI

(d) SIKD

Answer: (d)

14. If A denotes '+', B denotes '-', C denote[illegible]' an[illegible] denotes '÷', then which of the following statement is true?

(a) 8B6D2A4C3 = 15

(b) 8A8B8C8 = -48

(c) 9C9B9D9A9 = 17

(d) 3A3B3C3A3D3 = 4

Answer: (b)

15. In this question, some equations are solved on the basis of a certain system. On the same basis find out the correct answer from amongst the four alternatives for the unsolved equation. 462 = 551 398 = 487 856 = ?

(a) 745

(b) 773

(c) 945

(d) 743

Answer: (c)

16. Find the missing number in the series

(a) 5

(b) 6

(c) 7

(d) 8

Answer: (a)

17. Prem starts to school from his house and walks 400 metres towards north, turns left and walks 100 metres, turns left and walks 200 metres, turns left and walks 100 metres. How far he is away from his house?

(a) 100 m

(b) 300 m

(c) 200 m

(d) 250 m

Answer: (c)

18. Consider the given statement/s to be true and decide which of the given conclusions/ assumptions can definitely be drawn from the given statement. Statement: 1. All elephants are men. 2. All men are socks. Conclusion I: Some socks are elephants. Conclusion II: All elephants are socks.

(a) Only Conclusion I follows

(b) Only Conclusion II follows

(c) Both Conclusions I and II follows

(d) Neither conclusion I nor II follows

Answer: (c)

25. In the question, a word is represented by [illegible] e set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. 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 04, 12 , etc., and 'U' can be represented by 59, 66, etc. Similarly, you have to identify the set for the word 'ROOT'

(a) 55, 56, 99, 59

(b) 67, 68, 87, 66

(c) 79, 75, 68, 77

(d) 86, 87, 56, 88

Answer: (c)

General Awareness

26. Money transfer through mobile is called _____.

(a) IFSC

(b) ATM

(c) IMPS

(d) IFS

Answer: (c)

27. Which of the following was not a purpose for building Farakka Barrage?
    (a) Checking water flowing into Bangladesh
    (b) Checking silting of Kolkata Port
    (c) Preventing erosion of Kolkata Port
    (d) Facilitating navigation in Ganga river

    Answer: (d)

28. Who decides disputes regarding disqualification of members of Parliament?
    (a) The Supreme Court
    (b) The Election Commission
    (c) The Prime Minister in Consultation with the Election Commission
    (d) The President in Consultation with the Election Commission

    Answer: (d)

29. In _____ forests, trees shed their leaves in a particular season.
    (a) evergreen
    (b) mangrove
    (c) deciduous
    (d) thorny

    Answer: (c)

30. The famous poet Amir Khusrau was contemporar all except following :
    (a) Alauddin Khilji
    (b) Ghiyasuddin Balban
    (c) Iltutmish
    (d) Jalaluddin Khilji

    Answer: (c)

31. G-20 is the Group of Twenty largest economies represented by their
    (a) Prime Ministers only
    (b) Finance Ministers only
    (c) Finance Ministers and Central Bank Governors
    (d) Heads of States

    Answer: (c)

32. Cache memory works on the principle of _____ .
    (a) Locality of data
    (b) Locality of reference
    (c) Locality of Memory
    (d) Locality of Memory & reference

    Answer: (b)

33. Where is the headquarters of National Film Archives of India (NFAI) located?
    (a) Pune
    (b) Chennai
    (c) Bangalore
    (d) Mumbai

    Answer: (a)

34. In India, the Black Revolution is related to the manufacturing of which product?
    (a) Charcoal
    (b) Crude petroleum
    (c) Diamond
    (d) Black gram

    Answer: (b)

35. Who introduced Western education?
    (a) Raja Ram Mohan Roy
    (b) Lal Bahadur Shastri
    (c) Netaji Subhash Chandra Bose
    (d) Sardar Vallabhai Patel

    Answer: (a)

37. The 18th Asian Games also known as 'Asiad' will b eld in 2018 in
    (a) Bangkok
    (b) Jakarta
    (c) Beijing
    (d) Seoul

    Answer: (b)

39. Kutir Jyoti Scheme is associated with
    (a) Promoting cottage industry in villages
    (b) Promoting employment among rural unemployed youth
    (c) Providing electricity to rural families living below poverty line
    (d) All of these

    Answer: (c)

41. Which river in the Southern Peninsula has the second largest river basin in India?
    (a) Godavari
    (b) Krishna
    (c) Cauvery
    (d) Mahanadi

    Answer: (a)

42. Which among the following has the maximum life span
    (a) Eagle
    (b) Tortoise
    (c) Tiger
    (d) Elephant

    Answer: (b)

43. Which one of the following is a water soluble vitamin?
    (a) A
    (b) C
    (c) K
    (d) D

    Answer: (b)

44. Biofortification is a _____ .
    (a) method of breeding crops to increase their nutritional value
    (b) strategy to combat unwanted nutrients in plants
    (c) method of developing resistance to insect pests
    (d) method of plant breeding for disease resistance

    Answer: (a)

45. The force which makes a vehicle to stop when brakes is applied is called
    (a) gravitational force
    (b) vander-walls force
    (c) frictional force
    (d) co-valant force

    Answer: (c)

46. Synthetic detergents are prepared from
    (a) potassium salts of higher fatty-acids
    (b) sodium salts of higher fatty-acids
    (c) hydrocarbons of petroleum
    (d) glycerides

    Answer: (c)

47. All doubts and disputes in connection with election of the President are inquired into and decided by _____ .
    (a) the Election Commission
    (b) the Supreme Court
    (c) the Parliament
    (d) Prime Minister

    Answer: (b)

48. Name the longest lake in India?
    (a) Pangong lake
    (b) Pulicat Lake
    (c) Kolleru Lake
    (d) Vembanad Lake

    Answer: (d)

49. Red Data Book provides an account of
    (a) extinct animals only
    (b) endangered plants & animals
    (c) endangered plants only
    (d) fossil plants

    Answer: (b)

50. Suez Canal connects
    (a) Red Sea and Arabian Sea
    (b) Red Sea and Mediterranean Sea
    (c) Arabian Sea and Mediterranean Sea
    (d) North Sea and Baltic Sea

    Answer: (b)

Quantitative Aptitude

51. A and B together can complete a work in 24 days. B alone does 1/3rd part ofthis work in 12 days. How many days will A alone take to complete the remaining work?
    (a) 24
    (b) 36
    (c) 48
    (d) 72

    Answer: (c)

52. The heights of a cone and a cylinder are equal. The radii of their bases are in the ratio 2:1. The ratio of their volumes is:
    (a) 4:3
    (b) 3:4
    (c) 2:1
    (d) 1:2

    Answer: (a)

53. A shopkeeper marks his goods 50% more than the cost price and allows a discount of 25%. His profit or loss percentage is:

(a) 37.5%

(b) 25.5%

(c) 12.5%

(d) 25%

Answer: (c)

54. A school has 8 periods of 45 minutes each, every day. How long will each period be if the school has to have 9 periods everyday, assuming the working hours to be the same?

(a) 40 min

(b) 35 min

(c) 30 min

(d) 45 min

Answer: (a)

56. In an ornament the ratio of gold and copper is 3:2. The percentage of gold in the ornament is:

(a) 60

(b) 40

(c) 30

(d) 20

Answer: (a)

57. A boat moves down stream at the rate of 8km/hr and upstream at 4Km/hr. The speed of the boat in still waters is:

(a) 4.5 km/hr.

(b) 5 km/hr.

(c) 6 km/hr.

(d) 6.4 km/hr.

Answer: (c)

60. Which one of the following combination of measurements can form the sides of a triangle?

(a) 9 cm, 6 cm, 2 cm

(b) 11 cm, 3 cm, 12 cm

(c) 3 cm, 5 cm, 8 cm

(d) 5 cm, 7 cm, 13 cm

Answer: (b)

61. In a right angled triangle if hypotenuse is 20 cm and ratio of other two sides is 4:3, the length of the sides are

(a) 4 cm and 3 cm

(b) 8 cm and 6 cm

(c) 12 cm and 9 cm

(d) 16 cm and 12 cm

Answer: (d)

62. If sinA + sin2A =1 then what is the value of cos2A + cos4A ?

(a) ½

(b) 1

(c) 2

(d) 3

Answer: (b)

63. The least number which when divides 37044, gives the result a perfect cube, is:

(a) 2

(b) 4

(c) 14

(d) 21

Answer: (b)

64. A man spends in 8months as much as he earns in 6 months. He saves Rs. 6000 in a year. His average monthly income is

(a) Rs. 2400

(b) Rs. 2000

(c) Rs. 2150

(d) Rs. 1800

Answer: (b)

73. Study the chart and answer the questions. The p[illegible]hart given below shows the expenditure incurred in bringing out a book by a publisher.
If the cost of printing is Rs. 16,800 , the roy[illegible] is

(a) Rs. 2400

(b) Rs. 3200

(c) Rs. 4800

(d) Rs. 8400

Answer: (c)

75. Study the chart and answer the questions. The pie chart given below shows the expenditure incurred in bringing out a book by a publisher.
If miscellaneous expenditures amount to Rs. 12000, the expenditure on canvassing will be

(a) Rs. 80000

(b) Rs. 144000

(c) Rs. 468000

(d) Rs. 405000

Answer: (b)

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. NEFARIOUS

(a) EXCITED

(b) WICKED

(c) RIGOROUS

(d) BENIGN

Answer: (b)

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. INSULAR

(a) COSMOPOLITAN

(b) ISOLATED

(c) NARROW

(d) PAROCHIAL

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) Acommodate

(b) Accommodate

(c) Acomodate

(d) Accomodate

Answer: (b)

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. My friend's actual job (A) / involves a lot (B) / of administration. (C) / No Error (D)

(a) A

(b) B

(c) C

(d) D

Answer: (a)

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. The students refused (A) / to accept responsibility (B) / for their acts (C) / No Error (D)

(a) A

(b) B

(c) C

(d) D

Answer: (c)

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. It is not possible for me (A) / to give you the accurate date (B) / of my departure yet. (C) / No Error (D)

(a) A

(b) B

(c) C

(d) D

Answer: (b)

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. I waited _____ the train arrived.

(a) as

(b) until

(c) since

(d) after

Answer: (b)

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. He loves you _____ than me

(a) closer

(b) nearer

(c) higher

(d) more

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. The squadron leader ordered his men to _____ immediately.

(a) fall in

(b) fall out

(c) fall off

(d) fall on

Answer: (a)

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. Put up the shutters

(a) Went out of business

(b) Experienced a downside

(c) Sold off assets

(d) Changed ownership

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. A drop in a bucket

(a) As much as possible

(b) Nothing at all

(c) A handsome amount

(d) A very insignificant amount

Answer: (d)

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. Draw a blank

(a) Paint something

(b) Find no favour

(c) Oblige someone

(d) Teach someone

Answer: (b)

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. A person who is new to a profession

(a) Expert

(b) Coach

(c) Tutor

(d) Novice

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. That which makes one highly knowledgeable

(a) Erudition

(b) Irreverence

(c) Irritability

(d) Impulsiveness

Answer: (a)

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. A state of emotional or intellectual separation

(a) Euphoria

(b) Ecstasy

(c) Alienation

(d) Communion

Answer: (c)

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.
> Awareness means the capacity to see a coffee pot and hear the birds sing in one's own way, and not the way one was taught. It may be assumed on good grounds that seeing and hearing have a different quality for infants than for grownups and that they are more aesthetic and less intellectual in the first years of life. A little boy sees and hears birds with delight. Then the 'good father' comes along and feels he should 'share' the experience and help his son 'develop'. He says, "That's a jay and this is a sparrow." The moment the little boy is concerned with which is a jay and which is a sparrow, he can no longer see the birds or hear them sing. He has to see and hear them the way his father wants him to. Father has good reasons on his side: since few people can afford to go through life listening to the birds sing, sooner the little boy starts his 'education' the better. Maybe he will be an ornithologist when he grows up.

96. What does the writer mean by 'awareness'?
    (a) The capacity to see as one is taught.
    (b) The capacity to see and hear things in one's own way.
    (c) The ability to see and feel things as they are in the present.
    (d) The ability to see and hear things as other people do.

    Answer: (b)

97. How do children perceive things around them?
    (a) Aesthetically
    (b) Intellectually
    (c) Emotionally
    (d) Morally

    Answer: (a)

98. What would the 'good father' do?
    (a) He would teach his son the way of the world.
    (b) He would share and feel his son's experience.
    (c) He would share his experiences and help his son 'develop'.
    (d) He would tell his son to live his way.

    Answer: (c)

99. What does an Ornithologist study?
    (a) Birds
    (b) Insects
    (c) The different species of plants
    (d) Fish

    Answer: (a)

100. The passage implies that when the boy starts his 'education' he will _____ .

(a) have a more aesthetic outlook

(b) be able to identify a jay and a sparrow

(c) see and hear the bird's song with delight

(d) have a more intellectual outlook

Answer: (d)

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	**(c)**	2	**(b)**	3	**(c)**	4	**(a)**	5	**(d)**	6	**(d)**	7	**(a)**	8	**(a)**
9	**(c)**	10	**(a)**	11	**(c)**	12	**(c)**	13	**(d)**	14	**(b)**	15	**(c)**	16	**(a)**
17	**(c)**	18	**(c)**	25	**(c)**										

General Awareness

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

Quantitative Aptitude

51	**(c)**	52	**(a)**	53	**(c)**	54	**(a)**	56	**(a)**	57	**(c)**	60	**(b)**	61	**(d)**
62	**(b)**	63	**(b)**	64	**(b)**	73	**(c)**	75	**(b)**						

English Comprehension

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