PREVIOUS YEAR PAPER

SSC CGL 2016 Tier I — 3 September 2016, Shift 2

SSC CGL · 3 September 2016 · 1:15 PM - 2:30 PM

85 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: 15 (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 3 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-1-3-sep-shift-2/

General Intelligence and Reasoning

1. Select the related word/letters/numbers from the given alternatives: Accomodation : Rent :: Journey : ?

(a) Expense
(b) Octroi
(c) Freight
(d) Fare

Answer: (d)

2. Select the related word/letters/numbers from the given alternatives: ECFG : FDGH :: SQTU : ?

(a) TRVU
(b) TVUR
(c) TRUV
(d) SRTV

Answer: (c)

3. Select the related word/letters/numbers from the given alternatives: 3 : 243 :: 5 : ?

(a) 125
(b) 625
(c) 3025
(d) 3125

Answer: (d)

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

(a) Kilogram
(b) Quintal
(c) Ton
(d) Gallon

Answer: (d)

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

(a) DBZ

(b) QOM

(c) USQ

(d) JLN

Answer: (d)

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

(a) 36

(b) 64

(c) 54

(d) 108

Answer: (b)

7. Arrange the following words as per order in the dictionary.
1. Situation 2.Silver 3.Sitter 4.Simple 5.Signal

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

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

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

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

Answer: (c)

8. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
ZXV , USQ , PNL , ?

(a) MJH

(b) JHF

(c) KIG

(d) KJI

Answer: (c)

9. In the following question, one term in the number series is wrong. Find out the wrong term.
3, 10, 27, 4, 16, 64, 5, 25, 125

(a) 3

(b) 4

(c) 10

(d) 27

Answer: (c)

10. 'A' and 'B' are brothers. 'C' and 'D' are sisters. A's son is D's brother. How is B related to C?

(a) Father

(b) Brother

(c) Grandfather

(d) Uncle

Answer: (d)

11. A gets more marks than B but less than C. D gets less marks than E but more than A. If C gets less than D then who amongst A, B, C, D, E gets the highest marks?

(a) C

(b) D

(c) E

(d) B

Answer: (c)

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

(a) BITTER

(b) EXPORT

(c) EXNORA

(d) EXTANT

Answer: (b)

13. If D = 4 DESK = 39 ,then the value of DRAW is

(a) 57

(b) 46

(c) 45

(d) 36

Answer: (b)

14. If '÷' stands for subtraction, '-' stands for additi[illegible]x' stands for division and '+' stands for multiplication, then which one of the follow[illegible] equ[illegible]on is correct?

(a) 35 ÷ 4 - 25 x 5 + 5 = 28

(b) 35 ÷ 4 - 25 x 5 + 5 = 61

(c) 35 ÷ 4 - 25 x 5 + 5 = 41

(d) 35 ÷ 4 - 25 x 5 + 5 = 56

Answer: (d)

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. 15 x 26 = 6512 29 x 36 = 6923, 46 x 54 = ?

(a) 5464

(b) 4645

(c) 4564

(d) 4465

Answer: (b)

16. Select the missing numbers from the given alternatives

(a) 19

(b) 16

(c) 21

(d) 20

Answer: (b)

17. Rohan walks a distance of 3 kms towards North, then turns to his left and walks for 2 kms. He again turns left and walks for 3kms. At this point he turns to his left and walks for 3 kms. How far is he from the starting point?

(a) 5 kms

(b) 3 kms

(c) 2 kms

(d) 1 km

Answer: (d)

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. Statements: 1. Some principals are teachers. 2. All teachers are students. Conclusions: I. All principals are students. II. Some students are principals.

(a) Only conclusion I follows

(b) Only conclusion II follows

(c) Both conclusion I and conclusion II follow

(d) Neither conclusion I nor conclusion II follows

Answer: (b)

25. rices can be represented and etc. Similarly you have to identify the set for the word 'CORK' next by its column, e.g., 'L' can be represented by 00, 13, 24 etc., and 'T' can be represented by 59, 66, 78,

(a) 42, 21, 67, 58

(b) 23, 33, 86, 85

(c) 11, 40, 55, 75

(d) 30, 14, 97, 56

Answer: (c)

General Awareness

26. Which of the following was not advocated by Mahatma Gandhi?

(a) Prohibition

(b) Heavy Industries

(c) Village Panchayat

(d) Dignity of Labour

Answer: (b)

27. The term of a Governor is
    (a) 4 Years
    (b) 5 Years
    (c) 6 Years
    (d) 3 Years
    Answer: (b)

28. One of the following was not associated with the Gadar party
    (a) Lala Hardayal
    (b) Baba Gurdit Singh
    (c) Mohammad Barkatullah
    (d) Sohan Singh Bhakna
    Answer: (b)

29. The hormone that stimulates heart beat is
    (a) Thyroxine
    (b) Gastrin
    (c) Glycogen
    (d) Dopamine
    Answer: (a)

30. Transformer is a device to convert
    (a) D.C. to A.C.
    (b) Low voltage D.C. into high voltage D.C.
    (c) Low voltage A.C. into high voltage A.
    (d) Mechanical energy into Electrical energy
    Answer: (c)

31. _____ is a type of computing that performs computation, storage and even applications as a service across a network.
    (a) Cloud Computing
    (b) Distributed Computing
    (c) Parallel Computing
    (d) Virtual Computing
    Answer: (a)

32. The presence of air bubble in blood stream is dangerous to life because
    (a) Air combines with blood forming a complex
    (b) The flow of blood increases manifold
    (c) The flow of blood is obstructed
    (d) The pressure of blood increases manifold
    Answer: (c)

33. The study of relation of animals and plants to their surroundings is called_____
    (a) Ecology
    (b) Ethrology
    (c) Genealogy
    (d) Iconology
    Answer: (a)

34. Who among the following was not a member of Boxing team of India at Rio Olympics?
    (a) Shiv Thapa
    (b) Manoj Kumar
    (c) Vikas Krishan
    (d) Avtar Singh
    Answer: (d)

36. According to Malthusian theory of population
    (a) Population increases in geometric ratio, food supply increases in arithmetic ratio
    (b) Population increases in arithmetic ratio, food supply increases in geometric ratio
    (c) Population increases in a harmonic mean, food supply increases in geometric ratio
    (d) Population increases in a harmonic ratio, food supply increases in a arithmetic ratio
    Answer: (a)

37. The weight of an object is maximum
    (a) on the equator
    (b) on the surface of the earth
    (c) at the centre of the earth
    (d) on the poles of the earth
    Answer: (d)

38. Which of the following plays an important role in photosynthesis?
    (a) Chloroplast
    (b) Centrosome
    (c) Tonoplast
    (d) Nematoblast
    Answer: (a)

39. The impact of Green Revolution was felt most in the case of
    (a) Wheat
    (b) Rice
    (c) Pulses
    (d) Oil seeds
    Answer: (a)

40. What is a bank rate?
    (a) Rate at which Central bank of a country advances loans to other banks in the country
    (b) Rate at which banks advance loans to the customers
    (c) Rate at which banks lend among themselves
    (d) Rate at which banks lend to money lenders

    Answer: (a)

41. Which of the following tax systems will help to reduce economic inequalities in India?
    (a) Regressive Tax
    (b) Progressive Tax
    (c) Flat rate tax
    (d) None of these

    Answer: (b)

42. President of India can be removed from his office by
    (a) Prime Minister of India
    (b) Chief Justice of India
    (c) Parliament
    (d) Lok Sabha

    Answer: (c)

43. A broad, low embankment built up along the bank of a river channel during floods is called
    (a) Delta
    (b) Levee
    (c) Flood Plain
    (d) Dune

    Answer: (b)

44. At which stage in its life cycle does the silkworm yield the fiber of commercial use
    (a) Larva
    (b) Egg
    (c) Pupa
    (d) Imago

    Answer: (c)

45. Quality of a musical note depends on
    (a) Fundamental frequency
    (b) Amplitude of the wave
    (c) Harmonics present
    (d) Velocity of sound in the medium

    Answer: (c)

46. The tides in the sea are primarily due to
    (a) the atmospheric effect of the Earth
    (b) the gravitational effect of Venus on the Earth
    (c) the gravitational effect of the Sun on the Earth
    (d) the gravitational effect of the Moon on the Earth

    Answer: (d)

47. The five permanent members of the UN security council are
    (a) USA, China, France, Russia and Canada
    (b) China, France, Russia, UK and USA
    (c) Japan, Germany, Russia, UK and USA
    (d) Germany, China, USA. Russia and UK

    Answer: (b)

48. Which of the following is not correctly paired?
    (a) Sania Mirza- Tennis
    (b) Saina Nehwal - Badminton
    (c) Jhoolan Goswami - Cricket
    (d) Jeev Milka Singh - Chess

    Answer: (d)

49. Aryabhatta and Kalidasa were in the court of whic upta Emperor?
    (a) Kumara Gupta I
    (b) Chandra Gupta II
    (c) Samudra Gupta
    (d) Skanda Gupta

    Answer: (b)

50. What process takes place during the youthful stage of a river?
    (a) Valley widening
    (b) River rejuvenating
    (c) Valley deepening
    (d) Meandering

    Answer: (c)

Quantitative Aptitude

51. If 10 people can do a job in 20 days,then 20 people with twice the efficiency can do the same job in
    (a) 5 days
    (b) 10 days
    (c) 20 days
    (d) 40 days

    Answer: (a)

52. ABCD is a quadrilateral in which BD and AC are diagonals then

(a) AB + BC + CD + AD< AC + BD

(b) AB + BC + CD + DA>AC + BD

(c) AB + BC + CD + DA=AC + BD

(d) AB + BC + CD + DA>2(AC + BD)

Answer: (b)

54. A box of sweets was distributed between A and B in the ratio 3 :4. If A got 36 sweets , what was the total no. of sweets

(a) 12

(b) 84

(c) 144

(d) 27

Answer: (b)

55. If the ratio of cost price and selling price is 4 : 5 , then the percentage of profit will be

(a) 20

(b) 0.1

(c) 10

(d) 25

Answer: (d)

56. If the value of a company stock drops from Rs. 2 er share to Rs. 21 per share, the percentage decrease per share is

(a) 4

(b) 8

(c) 12

(d) 16

Answer: (d)

57. A farmer travelled a distance of 61 km in 9 hours . He travelled partly on foot at a speed of 4 km/hour and partly on bicycle at a speed of 9 km/hour . The distance travelled on foot is

(a) 14 km

(b) 16 km

(c) 20 km

(d) 18 km

Answer: (b)

58. If (2x - y)2 + (3y - 2z)2 = 0 , then the ratio x:y:z is

(a) 1 : 3 : 2

(b) 1 : 2 : 3

(c) 3 : 1 : 2

(d) 3 : 2 : 1

Answer: (b)

59. If (4a - 3)2 = 0 , then the value of 64a3 - 48a2 + 12a + 13 is

(a) 0

(b) 11

(c) 22

(d) 33

Answer: (c)

60. In the fig Δ ABC is inscribed in a circle with centre O. If ∠ABC = 30° then ∠ACB is equal to

(a) 30°

(b) 60°

(c) 50°

(d) 90°

Answer: (b)

61. Three consecutive angles of a cycle quadrilateral are in the ratio of 1 : 4 : 5 . The measure of fourth angle is

(a) 120°

(b) 60°

(c) 30°

(d) 80°

Answer: (b)

62. The value of cos2 20° + cos2 70° is

(a) 0

(b) 1

(c) ½

(d) 1/√3

Answer: (b)

63. Nine students of a class contribute a certain sum of money . Seven of them gave Rs. 50 each and the other two gave respectively Rs. 50 and Rs. 90 more than the others. The average contribution of the class of 9 students is

(a) Rs. 70

(b) Rs. 50

(c) Rs. 100

(d) Rs. 120

Answer: (a)

64. If a = 101 then the value of a(a2 - 3a + 3) is

(a) 1000000

(b) 1010101

(c) 1000001

(d) 999999

Answer: (c)

66. In ΔABC, ∠B=35°, ∠C=65° and the bisector of ∠BAC meets BC in D. Then ADB is

(a) 40°

(b) 75°

(c) 90°

(d) 105°

Answer: (d)

67. AB is a diameter of a circle. C is a point on the tangent drawn at A . If AB = 8 cm and AC = 6 cm , then the length of BC is

(a) 10 cm

(b) 14 cm

(c) 5 cm

(d) 7 cm

Answer: (a)

68. From a point P on a level ground , the angle of elevation to the top of the tower is 30° . If the tower is 100m high , the distance of point P from the foot of the tower is (Take √3 = 1.73)

(a) 149 m

(b) 156 m

(c) 173 m

(d) 188 m

Answer: (c)

69. If the sum of the digits of any integer between 1 and 1000 is subtracted from the same integer , the resulting number is always divisible by

(a) 2

(b) 5

(c) 6

(d) 9

Answer: (d)

70. If a sum of money deposited in a bank at simple interest is doubled in 6 years, then after 12 years, the amount will be

(a) 5/2times the original amount

(b) 3times the original amount

(c) 7/2times the original amount

(d) 4times the original amount

Answer: (b)

72. Number of 5 types of cycles manufactured by a company over the years is given below :
What was the approximate percentage of increase in production of 'D' type of the cycle from 1998 - 2000

(a) 10
(b) 19
(c) 15
(d) 17

Answer: (b)

73. Number of 5 types of cycles manufactured by a company over the years is given below :
In the case of which type of cycles was total production of the given 5 years the maximum ?

(a) A
(b) B
(c) C
(d) D

Answer: (a)

74. Number of 5 types of cycles manufactured by a company over the years is given below :
What was the percentage drop in production of A type cycle from 1997 - 1999 ?

(a) 10
(b) 25
(c) 20
(d) 15

Answer: (a)

75. Number of 5 types of cycles manufactured by a company over the years is given below :
The production of E type of cycle in 2001 was what percent of production of B type in2000 ?

(a) 40
(b) 50
(c) 45
(d) 25

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. ABORTIVE

(a) PLENTIFUL
(b) LAWFUL
(c) UNSUCCESSFUL
(d) FRUITFUL

Answer: (c)

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. IRASCIBLE

(a) CRANKY

(b) CHOLERIC

(c) AMIABLE

(d) WASPISH

Answer: (c)

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) Thoruoghly

(b) Thoroughly

(c) Thoroghouly

(d) Thorougholy

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. The trek is difficult (A) / but it is far worth (B) / the endeavour. (C) / No Error (D)

(a) A

(b) B

(c) C

(d) D

Answer: (b)

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. What man can die (A) / better than (B) / serving his country? (C) / No Error (D)

(a) A

(b) B

(c) C

(d) D

Answer: (a)

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. The teacher prevented (A) / the boys (B) / to go there. (C) / No Error (D)

(a) A

(b) B

(c) C

(d) D

Answer: (c)

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. He has no recommendations; he will _____ , get the job.

(a) however

(b) whatsoever

(c) whereas

(d) whatever

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. Leaves _____ in autumn.

(a) fall down

(b) fall of

(c) fall on

(d) fall off

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. Each time he tried to climb the tree, he failed to do _____ .

(a) thus

(b) then

(c) so

(d) this

Answer: (c)

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. A cuckoo in the nest

(a) One who likes to stay at home

(b) A view from a high place

(c) An unwelcome intruder

(d) One who is chosen as the leader of the group

Answer: (c)

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 house of cards

(a) An insecure scheme

(b) A gambling house

(c) A plan with high stakes

(d) A place where cards are printed

Answer: (a)

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. To smell a rat

(a) To see signs of plague epidemic

(b) To get the bad smell of a dead rat

(c) To suspect foul dealings

(d) To be in a bad mood

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. A small shop that sells fashionable clothes, cosmetics etc.

(a) Store

(b) Stall

(c) Boutique

(d) Booth

Answer: (c)

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. Interval between two events

(a) Recess

(b) Interlude

(c) Shuttle

(d) Prelude

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. A person's peculiar habit

(a) Peculiarity

(b) Trait

(c) Distinction

(d) Idiosyncracy

Answer: (d)

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. Of the many changes that have taken place thanks to liberalisation, a major one is that today's youngsters are earning more than ever before. In some cases, they draw even fatter salaries than their parents. But are they blowing it up or sensibly saving it? Though some tend to splurge there are many who have started saving. Some of them go in for mutual funds and tax saving bonds. Some even go in for investments which give them tax breaks - insurance, home loans, mutual fund savings schemes. In fact the average age of a person taking a housing loan has come down from 41 to 28 in the last five years. Now, where do they get their investment advice from? Some feel its a combination of friends, family, broker - advisors, the media and the net.

96. Liberalisation has enabled our youngsters to:
    (a) Be paid more
    (b) Work hard
    (c) Blow up money
    (d) Look after their money

    Answer: (a)

97. 'Blowing it up' means:
    (a) Spending extravagantly
    (b) Exaggerating
    (c) Spending on smoking
    (d) Donating liberally

    Answer: (a)

98. The average age of a person taking ho[illegible] has come down because he:
    (a) Gets fat salaries even at a young age.
    (b) Has wealthy parents.
    (c) Goes in for mutual funds.
    (d) Buys lottery tickets.

    Answer: (a)

99. Which of the following is 'False'?
The investment that give people tax breaks are:
    (a) Mutual funds
    (b) Home loans
    (c) Savings scheme
    (d) Purchasing jewellery

    Answer: (d)

100. Which of the following is true'?

(a) The youngsters today spend all the money they get

(b) All the youngsters save all the money they get

(c) Many youngsters save all the money they get

(d) A few youngsters spend more while some save

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

General Awareness

26	**(b)**	27	**(b)**	28	**(b)**	29	**(a)**	30	**(c)**	31	**(a)**	32	**(c)**	33	**(a)**
34	**(d)**	36	**(a)**	37	**(d)**	38	**(a)**	39	**(a)**	40	**(a)**	41	**(b)**	42	**(c)**
43	**(b)**	44	**(c)**	45	**(c)**	46	**(d)**	47	**(b)**	48	**(d)**	49	**(b)**	50	**(c)**

Quantitative Aptitude

51	**(a)**	52	**(b)**	54	**(b)**	55	**(d)**	56	**(d)**	57	**(b)**	58	**(b)**	59	**(c)**
60	**(b)**	61	**(b)**	62	**(b)**	63	**(a)**	64	**(c)**	66	**(d)**	67	**(a)**	68	**(c)**
69	**(d)**	70	**(b)**	72	**(b)**	73	**(a)**	74	**(a)**	75	**(b)**				

English Comprehension

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