PREVIOUS YEAR PAPER

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

SSC CGL · 2 September 2016 · 4:15 PM - 5:30 PM

82 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: 18 (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, 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-1-2-sep-shift-3/

General Intelligence and Reasoning

1. Select the related word/letters/numbers from the given alternatives: Words : Sentence :: Paragraph: ?

(a) TYPING
(b) Essay
(c) Letters
(d) Phrase

Answer: (b)

2. Select the related word/letters/numbers from the given alternatives: BDCE : GIHJ :: QSRT : ?

(a) VWXY
(b) UWMX
(c) VXWY
(d) UWNX

Answer: (c)

3. Select the related word/letters/numbers from the given alternatives: 9 : 162 :: 8 : ?

(a) 96
(b) 112
(c) 128
(d) 160

Answer: (c)

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

(a) Apartment
(b) Garage
(c) Quarter
(d) Flat

Answer: (b)

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

(a) BDF

(b) GIK

(c) LMO

(d) OQS

Answer: (c)

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

(a) 5-21

(b) 29-45

(c) 48-68

(d) 71-87

Answer: (c)

7. Arrange the following words as per order in the dictionary
1. Diffident 2. Difficult 3.Different 4.Diffidence

(a) 1,2,3,4

(b) 3,2,4,1

(c) 2,1,3,4

(d) 3,2,1,4

Answer: (b)

8. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
ACE, GJI, MQM, ?

(a) SXQ

(b) RWQ

(c) SUQ

(d) RXP

Answer: (a)

9. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
6,11,21,36,56,?

(a) 42

(b) 51

(c) 81

(d) 91

Answer: (c)

10. If 4 cats can kill 4 rats in 4 minutes, how many minutes will it take 8 cats to kill 8 rats?
    (a) 8
    (b) 4
    (c) 2
    (d) 16
    Answer: (b)

11. If the sum of three consecutive numbers is 15, what is the square of the middle number ?
    (a) 16
    (b) 25
    (c) 36
    (d) 9
    Answer: (b)

12. From the given words, select the word which cannot be formed using the letters of the given word. ILLUSTRIOUS
    (a) Lust
    (b) Trust
    (c) Riot
    (d) Rust
    Answer: (b)

13. If A=1, CAT=60, then MAN=?
    (a) 27
    (b) 90
    (c) 180
    (d) 182
    Answer: (d)

14. If 'P' means '+', 'Q' means 'x', 'R' means '÷', and 'S' means '-', then 44Q9R12S6Q4P16=?
    (a) 25
    (b) 36
    (c) 112
    (d) 12
    Answer: (a)

15. If 84+96=4842, then 36+78= ?
    (a) 3918
    (b) 3678
    (c) 3819
    (d) 1839
    Answer: (a)

16. Find the missing number from the given responses:

(a) 12

(b) 51

(c) 56

(d) 120

Answer: (d)

17. Rajesh walks 2 km to south, then turns north-east, and walks 3 km. Then he turns south and walks 2 kms. Then he turns west and walks 4 kms. Finally, he turns north-west and walks 5 kms. In which direction is he from his starting point?

(a) North-west

(b) North-east

(c) Souh-east

(d) South-west

Answer: (a)

18. One statement is 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. Statement: I) Quality has a price tag. II) India is allocating lots of funds to education. Conclusions: I) Quality of education in India would improve. II) Funding alone can enhance quality of education.

(a) Only Conclusion I follows

(b) Only Conclusion II follows

(c) Both the Conclusions I and II follow

(d) Neither Conclusion I nor II follows

Answer: (a)

25. In this question, 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 02,10, etc., and 'B' can be represented by 57, 65, etc. Similarly you have to identify the set for the word 'FADE'

(a) 76, 02, 75, 32

(b) 68,20,57, 14

(c) 55, 33, 65, 23

(d) 89, 10, 96, 41

Answer: (a)

General Awareness

26. Chief Ministers of States are members of _____

(a) NITI Commission(Aayog)

(b) Finance Commission

(c) National Development Council

(d) Election Commission

Answer: (c)

27. When the demand for a good increases with an increase in income, such a good is called_____

(a) Superior good

(b) Giffin good

(c) Inferior good

(d) Normal good

Answer: (a)

28. Which of the following is the most important raw material for generation of power in India?

(a) Mineral Oil

(b) Natural Gas

(c) Uranium

(d) Coal

Answer: (d)

29. Which of the following is the treatment of water pollution?

(a) Bag house filter

(b) Windrow composting

(c) Venturi scrubber

(d) Reverse Osmosis

Answer: (d)

30. The Comptroller and Auditor General is closely connected with which of the following Committees of Parliament?

(a) The Estimates Committee

(b) The Committee on Public Undertakings

(c) The Public Accounts Committee

(d) All of these

Answer: (c)

31. The demand of a commodity is a direct demand but the demand of a factor of production is called a

(a) Crossed demand

(b) Joint demand

(c) Derived demand

(d) Independent demand

Answer: (c)

32. Depreciation is loss in value of _____
    (a) Final goods
    (b) Machinery
    (c) Capital stock
    (d) Stock of inventory

    Answer: (b)

33. What is the Mehrauli Pillar in the complex of Qutub Minar primarily famous for?
    (a) Proverbial height
    (b) Skilful stone cutting
    (c) Excellent quality steel
    (d) Statue of Buddha on top

    Answer: (c)

34. Harvesting season of Kharif crop in India is _____
    (a) January-March
    (b) February-April
    (c) September-October
    (d) November-January

    Answer: (c)

35. Which of the following produces the most solid w e ?
    (a) Agriculture
    (b) Nuclear Power Plants
    (c) Manufacturing
    (d) Packaging Industry

    Answer: (c)

36. Potassium Permanganate is used for purifying drinking water, because_____
    (a) It is a reducing agent
    (b) It is an oxidising agent
    (c) It is a sterilising agent
    (d) It dissolves the impurities of water

    Answer: (b)

37. Spraying of DDT on crops causes pollution of _____
    (a) Air & Soil
    (b) Crops & Air
    (c) Soil & Water
    (d) Air & Water

    Answer: (c)

38. Which cells in pancreas produce Insulin ?
    (a) Thymus
    (b) Estrogen
    (c) Corpus epididymis
    (d) Islets of Langerhans

    Answer: (d)

39. When we see an object, the image formed on the retina is _____
    (a) Real and inverted
    (b) Real and erect
    (c) Virtual and erect
    (d) Virtual and inverted

    Answer: (a)

40. Find the "odd one out".
    (a) Linux
    (b) Windows 98
    (c) C++
    (d) Windows 7

    Answer: (c)

41. Kinetic energy depends on
    (a) the velocity or speed of the moving body.
    (b) the mass of the moving body
    (c) the pressure of the moving body
    (d) both mass and velocity of the moving body

    Answer: (d)

42. In which form is the supplied heat energy stored during change in temperature of substance?
    (a) Heat energy
    (b) Kinetic energy
    (c) Potential energy
    (d) Both kinetic and potential energy

    Answer: (b)

43. Atoms of same element having different mass numbers are called_____
    (a) Isobars
    (b) Isotopes
    (c) Isotones
    (d) Isomers

    Answer: (b)

44. Which script was used in Ashoka's inscriptions?

(a) Brahmi

(b) Devanagiri

(c) Gurmukhi

(d) Sanskrit

Answer: (a)

45. The ideas of Liberty, Equality and Fraternity, which influenced the Indian National Movement, was taken from _____

(a) American Revolution

(b) Russian Revolution

(c) Chinese revolution

(d) French revolution

Answer: (d)

46. The Kaushal Kendra (skilling center) under the Pradhan Mantri Mudra Yojana has been inaugurated in the city of _____

(a) Noida

(b) Kolkata

(c) Mumbai

(d) Hyderabad

Answer: (a)

47. Which one of the following is not the official language of the UNO?

(a) French

(b) Arabic

(c) Spanish

(d) Japanese

Answer: (d)

48. With the participation in the Rio Olympics who has become the first tennis player in the world to have 7 appearances in Olympics?

(a) Martina Navratilova

(b) Serena Williams

(c) Leander Paes

(d) Roger Federer

Answer: (c)

49. How many rings are there in the Olympic flag?

(a) 4

(b) 5

(c) 6

(d) 7

Answer: (b)

50. Indian Army's School of Artillery is located at_____

(a) Khadakvasala

(b) Dehradun

(c) Deolali

(d) Roorkee

Answer: (c)

Quantitative Aptitude

51. A and B together can do a piece of work in 12 days while A alone can do the same work in 30 days. B alone can do it in

(a) 18 days

(b) 20 days

(c) 15 days

(d) 22 days

Answer: (b)

53. A watch is listed for Rs.230 and is sold at a discount of 12%, then the sale price of the watch is

(a) Rs.27.6

(b) Rs.276

(c) Rs.202.4

(d) Rs.257.6

Answer: (c)

54. Ravi has a roadmap with a scale of 1.5 [illegible] for 1 [illegible] m. He drives on that road for 72 km. What would be his distance covered in that map.

(a) 4 cm

(b) 6 cm

(c) 8 cm

(d) 7 cm

Answer: (b)

55. The profit (in Rs.) after selling an article for Rs.524 is the same as the loss (in Rs.) after selling it for Rs.452. The cost price of the article is:

(a) Rs.480

(b) Rs.485

(c) Rs.488

(d) Rs.500

Answer: (c)

57. How long does a train, 75 m long, moving at 60 km/hr take to pass a certain telegraph post?

(a) 3.5 seconds

(b) 4.5 seconds

(c) 5 seconds

(d) 5.4 seconds

Answer: (b)

60. The point equidistant from the vertices of a triangle is called its

(a) incentre

(b) circumcentre

(c) orthocentre

(d) centroid

Answer: (b)

61. If one angle of a triangle is equal to half the sum of the other two equal angles, then the triangle is

(a) isosceles

(b) scalene

(c) equilateral

(d) right angled

Answer: (c)

63. The least number, which when divided by 5, 6, 7 and 8 leaves a remainder 3 in each case, but when divided by 9 leaves no remainder, is:

(a) 1677

(b) 1683

(c) 2523

(d) 3363

Answer: (b)

64. A cricketer, whose bowling average was 12.4 runs/wicket takes 5 wickets for 22 runs in a match, thereby decreases his average by 0.4. The number of wickets, taken by him before this match was:

(a) 78

(b) 87

(c) 95

(d) 105

Answer: (c)

65. Sum of the factors of 4b2c2 - (b2 + c2 - a2) 2 is

(a) a + b + c

(b) 2(a + b + c)

(c) 0

(d) 1

Answer: (b)

67. The sum of two angles of a triangle is 116o and their difference is 24o. The measure of smallest angle of the triangle is

(a) 38°

(b) 28°

(c) 46°

(d) 64°

Answer: (c)

68. In a Δ ABC, DE || BC. D and E lie on AB and AC respectively. If AB = 7 cm and BD = 3cm, then find BC:DE

(a) 2:2

(b) 3:2

(c) 3.5 : 2

(d) 7:2

Answer: (c)

70. The difference between the compound interest and the simple interest on Rs. 6250 at 8% per annum in 2 years is

(a) Rs.30

(b) Rs.40

(c) Rs.50

(d) Rs.60

Answer: (b)

71. If the angle of elevation of the top of a [illegible] fro[illegible]ne ground level is raised from 30o to 60o, the length of the shadow of a pillar of height 50[illegible]e decreased by

(a) 60 m

(b) 75 m

(c) 100 m

(d) 50 m

Answer: (c)

72. Study the following pie-chart and answer the questions. Budget estimated by a family for their monthly expenses. Total salary = ₹ 32000 per month
The budget estimated by the family on Clothing and Grocery together is

(a) Rs.8950

(b) Rs.8960

(c) Rs.8850

(d) Rs.8860

Answer: (b)

73. Study the following pie-chart and answer the questions. Budget estimated by a family for their monthly expenses. Total salary = ₹ 32000 per month
Due to sudden marriage, the family incurs miscellaneous expenditure of Rs. 3040 in total. Then the increase in the amount under this head from that budgeted is

(a) Rs.810
(b) Rs.1738
(c) Rs.234
(d) Rs.800

Answer: (d)

74. Study the following pie-chart and answer the questions. Budget estimated by a family for their monthly expenses. Total salary = ₹ 32000 per month
The difference in the amount estimated by the family on Electricity and Call bill is:

(a) Rs.4560
(b) Rs.4470
(c) Rs.4168
(d) Rs.4160

Answer: (d)

75. Study the following pie-chart and answer the questions. Budget estimated by a family for their monthly expenses. Total salary = ₹ 32000 per month
The family actually spent Rs.4672 on Grocery. Then the difference in the amount budgeted and spent on grocery is:

(a) Rs.1528
(b) Rs.1728
(c) Rs.1278
(d) Rs.1628

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. MASTICATE

(a) CHEW
(b) CHOKE
(c) BITE
(d) SWALLOW

Answer: (a)

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. FEROCIOUS

(a) MILD
(b) SWEET
(c) BRUTAL
(d) WILD

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) Alleviate

(b) Allaviate

(c) Alliveate

(d) Allaevate

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 reason Janet came dressed (A) / as Lady Gaga was because she'd been told (B) / it was a costume party (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. The path to (A) / the famous church passes (B) / through a forest (C) / No error (D).

(a) A

(b) B

(c) C

(d) D

Answer: (d)

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. A first European sailor (A) / who came to India (B) / was Vasco-da-Gama (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. Legislation was passed to punish brokers who _____ their client's funds.

(a) devastate

(b) devour

(c) defalcate

(d) dawdle

Answer: (c)

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. His father was _____ the same business.

(a) managing over

(b) engaged in

(c) endowed with

(d) enlisted in

Answer: (b)

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. It is due to this lethargy that the plan fell ____

(a) off

(b) out

(c) through

(d) away

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. Bad blood

(a) Shooting

(b) Anaemia

(c) Enmity

(d) Mourning

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. To beat about the bush

(a) To try to win favours

(b) To talk well

(c) To talk about relevant things

(d) To talk about irrelevant things

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. Maiden speech

(a) Bachelor's speech

(b) First speech

(c) Last speech

(d) Extempore speech

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 place where money is coined.

(a) Bank

(b) Mint

(c) Firm

(d) Parliament

Answer: (b)

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. The process by means of which plants and animals breathe.

(a) Respiration

(b) Germination

(c) Absorption

(d) Transpiration

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. One who sneers at the aims and beliefs of his fellow men.

(a) Critic

(b) Connoisseur

(c) Pedant

(d) Cynic

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. There is a growing parallel between India and Europe in terms of language policy and challenges of maintaining a balance between regional languages, minority languages and the rising demand for English. The EU's language policy promotes multinationalism and the idea that every EU citizen should learn and speak at least two foreign languages in addition to their mother tongue. In practice, the foreign language curriculum in European countries is dominated now by the need to learn English. So the defacto policy is that children should, in addition to the language of their member state, learn English and one other European language. English has become not only the language of business across Europe, but also the corporate language of many French, German, Dutch and Spanish enterprises. The trend across Europe is for schools to begin teaching English in Class I, treating it as a basic skill rather than a foreign language. This trend began in earnest only after 2000. However, the methods to teach English are diverse - an increasingly popular trend is towards bilingual schools, which teach through more than one language medium.

96. There is a parallel between India and Europe as regards
    (a) language policy
    (b) trade policy
    (c) foreign policy
    (d) cultural policy

    Answer: (a)

97. According to the passage, the foreign language policy in the EU aims to foster.
    (a) English
    (b) Multilingualism
    (c) Bilingualism
    (d) Only native language

    Answer: (b)

98. The passage says that the rising demand for English in the EU is because of
    (a) immigrants
    (b) emigrants
    (c) Government policy
    (d) trade and commerce

    Answer: (d)

99. EU schools regard English as
    (a) a foreign language
    (b) a difficult language
    (c) a basic skill
    (d) an adult skill

    Answer: (c)

100. In Europe the usual pattern is that

(a) children should study English late in life

(b) children should start learning English from class I

(c) children may not study English when they are at school

(d) children ought to study English just as a lingua franca

Answer: (b)

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

General Awareness

26	**(c)**	27	**(a)**	28	**(d)**	29	**(d)**	30	**(c)**	31	**(c)**	32	**(b)**	33	**(c)**
34	**(c)**	35	**(c)**	36	**(b)**	37	**(c)**	38	**(d)**	39	**(a)**	40	**(c)**	41	**(d)**
42	**(b)**	43	**(b)**	44	**(a)**	45	**(d)**	46	**(a)**	47	**(d)**	48	**(c)**	49	**(b)**
50	**(c)**														

Quantitative Aptitude

51	**(b)**	53	**(c)**	54	**(b)**	55	**(c)**	57	**(b)**	60	**(b)**	61	**(c)**	63	**(b)**
64	**(c)**	65	**(b)**	67	**(c)**	68	**(c)**	70	**(b)**	71	**(c)**	72	**(b)**	73	**(d)**
74	**(d)**	75	**(b)**												

English Comprehension

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