PREVIOUS YEAR PAPER

SSC CGL 2016 Tier I — 29 August 2016, Shift 1

SSC CGL · 29 August 2016 · 10:00 AM - 11:15 AM

78 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: 22 (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 29 August 2016, 10:00 AM - 11:15 AM. 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-1-29-aug-shift-1/

General Intelligence and Reasoning

1. Select the related word/letters/number from the given alternatives. Foot : Man :: Hoof : ?
   (a) Leg
   (b) Dog
   (c) Horse
   (d) Shoe
   Answer: (c)

2. Select the related word/letters/number from the given alternatives. ACEG : ZXVT :: IKMO : ?
   (a) MNOP
   (b) PQRS
   (c) RPNL
   (d) LNPR
   Answer: (c)

3. Select the related word/letters/number from the given alternatives. 68 : 130 :: 222 : ?
   (a) 345
   (b) 365
   (c) 355
   (d) 350
   Answer: (d)

4. For the following questions Find the odd word/letters/number pair from the given alternatives
   (a) MARCH
   (b) MAY
   (c) JUNE
   (d) DECEMBER
   Answer: (c)

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

(a) CZHK

(b) SENO

(c) XUBU

(d) MLAG

Answer: (c)

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

(a) 1 : 8

(b) 27 : 64

(c) 125 : 218

(d) 323 : 512

Answer: (c)

7. Arrange the following words as per order in the dictionary
1. Follicle 2.Folk 3.Follow 4.Foliage

(a) 4, 2, 1, 3

(b) 3, 4, 2, 1

(c) 4, 3, 1, 2

(d) 2, 4, 3, 1

Answer: (a)

8. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
8, 15, 28, 53, ?

(a) 106

(b) 100

(c) 108

(d) 102

Answer: (d)

9. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
WFB, TGD, QHG, ?

(a) NIL

(b) NIK

(c) NLK

(d) NJL

Answer: (b)

10. The average age of 19 boys in a class is 21 years. If the teacher's age is included, the average increases to 22 years. What is the teacher's age?

(a) 39 years

(b) 41 years

(c) 40 years

(d) 44 years

Answer: (b)

11. A man is 3 years older than his wife and four times as old as his son. If the son becomes 15 years old after 3 years. Then what is the present age of the wife?

(a) 60 years

(b) 51 years

(c) 48 years

(d) 45 years

Answer: (d)

12. From the given alternative words, select the word which can not be formed using the letter of the given word: UNIVERSALISATION

(a) NATION

(b) CURTAIN

(c) LIVER

(d) AVIATION

Answer: (b)

13. If FRIEND is coded as HTKGPF then RE[illegible] w[illegible]e coded as:

(a) TGXFCN

(b) TGXNGC

(c) TXGNCG

(d) TGXGCN

Answer: (d)

15. Select the correct combination of mathematical signs to replace * signs and to balance the equation. 48 * 4 * 6 * 3 * 30

(a) -, +, =, x

(b) ÷, =, x, +

(c) ÷, +, x, =

(d) -, =, x, +

Answer: (c)

16. Find the missing number from the alternatives

(a) 125

(b) 175

(c) 225

(d) 250

Answer: (c)

17. Starting from a point, a person travels 3 km towards east and turns left and travels 4 km. Then again he turns to left by 45° and moves straight. Which direction is he facing now?

(a) North-East

(b) North-West

(c) South-East

(d) South-West

Answer: (b)

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: If he works hard he will be successful in life. Conclusions: I. He is a hard worker. Conclusions: II. Hard work pays

(a) Both I and II follow

(b) Only I follows

(c) Only II follows

(d) Neither I nor II follow

Answer: (c)

25. In the question, a word is represented by only one 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 02, 31, etc., and 'K' can be represented by 33, 78, etc. Similarly you have to identify the set for the word 'REST'

(a) 22, 20, 79, 99

(b) 66, 77, 68, 23

(c) 44, 77, 24, 87

(d) 22, 77, 79, 76

Answer: (b)

General Awareness

26. In a Parliamentary form of Government _____

(a) The Legislature is responsible to the Judiciary

(b) The Executive is responsible to the Legislature.

(c) The Legislature is responsible to the Executive

(d) The Judiciary is responsible to the Legislature

Answer: (b)

27. Which of the following statements is correct about the President of India ?

(a) Addresses first session of Parliament after each General Election.

(b) Addresses first session of Parliament at the beginning of each year

(c) Addresses every session of Parliament

(d) Never addresses Parliament

Answer: (a)

28. Which of the following periodicals is not correctly matched with its editor?
    (a) Bande Mataram:Aurobindo Ghosh
    (b) New India:Bipin Chandra Pal
    (c) Yugantar:Bhupendranath Dutta
    (d) Sandhya:Barindra Ghosh

    Answer: (d)

29. Silk worms feed on
    (a) Basil leaves
    (b) Curry leaves
    (c) Rose leaves
    (d) Mulberry leaves

    Answer: (d)

30. Who among the following has been appointed the new Coach of the Indian Cricket team by the BCCI recently?
    (a) Saurav Ganguly
    (b) Anil Kumble
    (c) Rahul Dravid
    (d) S. R. Kulkarni

    Answer: (b)

31. What is the product formed when sodium bicarbonate is heated strongly?
    (a) Sodium Carbonate
    (b) Sodium Hydroxide
    (c) Sodium Peroxide
    (d) Sodium Monoxide

    Answer: (a)

32. Mission Indradhanush - a programme introduced recently in the country by the NDA Government is related to:
    (a) Systematic immunization of children against disease
    (b) Providing insurance cover to farmers against crop failure
    (c) Development of fisheries in rural areas
    (d) Development of multiple cropping in hilly region

    Answer: (a)

33. Who among the following Indians has been honoured by a special Oscar?
    (a) Mahesh Bhatt
    (b) Satyajit Ray
    (c) Mira Nair
    (d) G.P.Sippy

    Answer: (b)

35. Disguised unemployment in India is mainly related to
    (a) Agricultural sector
    (b) Rural Area
    (c) Factory sector
    (d) Urban Area

    Answer: (a)

36. Which of the following is not guaranteed by Indian Constitution?
    (a) Right to Equality
    (b) Right of religious freedom
    (c) Right to Constitutional remedies
    (d) Right to free education for all

    Answer: (d)

37. A wide inlet of the sea usually concave in shape, is termed as a:
    (a) strait
    (b) Sound
    (c) Bay
    (d) Fjord

    Answer: (c)

38. Punjab has a large number of inundation canals d ing water from
    (a) Jhelum river
    (b) Chenab river
    (c) Beas river
    (d) Sutlej river

    Answer: (d)

39. The sexual reproductive organs of aspergillus are :
    (a) Spermatium and Oogonium
    (b) Antheridium and Oogonium
    (c) Spermatium and Ascogonium
    (d) Antheridium and Ascogonium

    Answer: (d)

40. Stars twinkle but planets do not twinkle because
    (a) they emit light of a constant intensity
    (b) their distance from the earth does not change with time
    (c) they are very far away from the earth resulting in decrease in intensity of light
    (d) they are nearer to the earth and hence we receive a greater amount of light and therefore minor variations in intensity are not noticeable

    Answer: (d)

41. Which of the following is not true about X-rays?
    (a) have low penetrating power
    (b) travel with the speed of light
    (c) Can be reflected or refracted
    (d) can affect photographic plates

    Answer: (a)

42. _____changes each time it is installed to avoid detection by antivirus software.
    (a) Polymorphic virus
    (b) worm
    (c) logic bomb
    (d) trojan horse

    Answer: (a)

43. Which one of the following weeds is effective in controlling water pollution caused by industrial effluents?
    (a) Parthenium
    (b) Elephant grass
    (c) Water hycinth
    (d) Mogar grass

    Answer: (a)

44. One of the following is also called as World Bank
    (a) IMF
    (b) IBRD
    (c) WTO
    (d) IDA

    Answer: (b)

45. The book entitled, 'Playing it my way' has been authored by
    (a) Sachin Tendulkar
    (b) V V S Laxman
    (c) Saurav Ganguly
    (d) Chetan Chauhan

    Answer: (a)

46. Which of the following is an example of Cartel?
    (a) OPEC
    (b) IMF
    (c) WTO
    (d) UNO

    Answer: (a)

47. Sullage water is_____
    (a) Waste water released from kitchen
    (b) waste water released from toilets
    (c) waste water released from factories
    (d) waste water released from hospitals

    Answer: (a)

48. Who was the first woman Chief Minister of Uttar Pradesh?
    (a) Annie Besant
    (b) Mayawati
    (c) Vijayalakshmi Pandit
    (d) Sucheta Kriplani

    Answer: (d)

49. The most pure form of carbon among the options is
    (a) Anthracite
    (b) Lampblack
    (c) Graphite
    (d) Wood Charcoal

    Answer: (a)

50. Chalukya temples (Jain temples) at Dilwara are situated in
    (a) Madhya Pradesh
    (b) Uttar Pradesh
    (c) Rajasthan
    (d) Haryana

    Answer: (c)

Quantitative Aptitude

51. The difference between the greatest and least five-digit numbers formed by the digits 2,5,0,6,8 is (repetition of digits are not allowed)
    (a) 69552
    (b) 65925
    (c) 65952
    (d) 63952

    Answer: (c)

52. The price of a shirt after 15% discount, is Rs.119. What was the marked price of the shirt before discount
    (a) Rs.129
    (b) Rs.140
    (c) Rs.150
    (d) Rs.160

    Answer: (b)

54. The average of a,b,c is 20 and that of b,c,d is 25; if d=30, then the value of a is

(a) 25

(b) 45

(c) 30

(d) 15

Answer: (d)

55. A store sells a watch for a profit of 25% of the cost. Then the percentage of profit against selling price is

(a) 22%

(b) 20%

(c) 18%

(d) 15%

Answer: (b)

56. If A is equal to 20% of B and B is equal to 25% of C; then what percent of C is equal to A?

(a) 10

(b) 15

(c) 5

(d) 20

Answer: (c)

57. A gun is fired at a distance of 1.7 km from Ram and he hears the sound after 25 seconds. The speed of sound in meter per second is

(a) 60

(b) 62

(c) 64

(d) 68

Answer: (d)

58. A sum of ₹ 3000 yields an interest of ₹ 1080 at 12% per annum simple interest in how many years ?

(a) 4 Years

(b) 3 Years

(c) 5 years

(d) 2½ Years

Answer: (b)

62. The area of the largest triangle that can be inscribed in a semicircle of radius 6m is

(a) 36 m2

(b) 72 m2

(c) 18 m2

(d) 12 m2

Answer: (a)

64. Twenty women can do a work in sixteen days. Sixteen men can complete the same work in fifteen days. The ratio between the capacity of a man and a woman is

(a) 3:4

(b) 4:3

(c) 5:3

(d) 5:7

Answer: (b)

66. In a cyclic quadrilateral ABCD ∠BCD=120° and passes through the centre of the circle. Then ∠ ABD = ?

(a) 30°

(b) 40°

(c) 50°

(d) 60°

Answer: (a)

67. The midpoints of AB and AC of a triangle ABC are X and Y respectively. If BC+XY=12 units, then BC-XY is

(a) 10 units

(b) 8 units

(c) 6 units

(d) 4 units

Answer: (d)

68. In an isosceles ΔABC, AD is the mediar the equal side meeting BC at D. DP is the angle disector of ∠ADB and PQ is drawn parallel to eting AC at Q. Then the maeasure of ∠PDQ is

(a) 130°

(b) 90°

(c) 180°

(d) 45°

Answer: (b)

69. 129 meter from the foot of a cliff on level of ground, the angle of elevation of the top of a cliff is 30°. The height of this cliff is

(a) 50√3 metre

(b) 45√3 metre

(c) 43√3 metre

(d) 47√3 metre

Answer: (c)

70. The volume of metallic cylindrical pipe of uniform thickness is 748 c.c. Its length is 14 cm and its external radius is 9 cm. The thickness of the pipe is

(a) 0.5 cm

(b) 1.5 cm

(c) 1 cm

(d) 2 cm

Answer: (c)

74. The bar graph shows the production of table fans in a factory during one week. Study the bar graph and answer the question.
Ratio of the total production of table fans in the factory from Monday to Wednesday to that from Thursday to Saturday is

(a) 19:26

(b) 26:19

(c) 29:16

(d) 16:29

Answer: (c)

75. The bar graph shows the production of table fans in a factory during one week. Study the bar graph and answer the question.
The average production of table fans on Monday & Tuesdays exceeds the average production of table fans during the week by

(a) 150 fans

(b) 100 fans

(c) 140 fans

(d) 200 fans

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. DECIMATED

(a) CAPTURED

(b) DESTROYED

(c) DAMAGED

(d) WORRIED

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. INVINCIBLE

(a) IMPREGNABLE

(b) OMNIPRESENT

(c) POWERLESS

(d) POTENT

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) Diarrhoea

(b) Diarhea

(c) Diarrhea

(d) Diarrohea

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. It took her a long time(A)/to get off (B)/the death of her husband.(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. It is best(A)/ to be silent(B)/ than to speak in anger.(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. His father is disgusted(A)/against him for his(B)/addiction to drink.(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. The aim of a Peace Council is _____ rather than cure.

(a) salvation

(b) preservation

(c) maintenance

(d) cultivation

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 gives everyone _____ the class opportunities for practice.

(a) at

(b) in

(c) of

(d) on

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. Harish soon gained _____ in English.

(a) provincialism

(b) proficiency

(c) efficiency

(d) eminency

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. Beggar description

(a) Cannot be described

(b) Something described by a beggar

(c) A poor account of something

(d) A description of a beggar

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. Drag one's feet

(a) Make someting more complicated

(b) Expedite

(c) Be reluctant to act

(d) Stop working

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. Hope against hope

(a) Think wishfully from time to time

(b) Hoped with good reason

(c) Nurture an impossible hope

(d) Pretend to hope

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. Lack of skill

(a) Inertness

(b) Insistence

(c) Ineptness

(d) Insolence

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. Stick with a thick end used in a mortar for pounding

(a) Thistle

(b) Stifle

(c) Sceptre

(d) Pestle

Answer: (d)

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. An act when people vote in order to make a decision about a particular subject or policy rather than voting for a person

(a) Election

(b) Exit-poll

(c) By-election

(d) Referendum

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. "Tryst with Destiny" was a speech delivered by Jawaharlal Nehru, the first Prime Minister of independent India, to the Indian Constituent Assembly in Parliament, on 14th August 1947. It is considered to be one of the greatest speeches of all times and to be a landmark oration that captures the essence of the triumphant culmination of the largely non-violent Indian independence struggle against the British Empire in India. "Long years ago we made a tryst with destiny, and now the time comes when we shall redeem our pledge, not wholly or in full measure, but very substantially. Freedom and power bring responsibility. The responsibility rests upon the assembly, a sovereign body representing the sovereign people of India. The service of India means the service of the millions who suffer. It means the ending of poverty and ignorance and disease and inequality of opportunity. We cannot encourage communalism or narrow-mindedness, for no nation can be great whose people are narrow in thought or in action. To the people of India, whose representatives we are, this is no time for petty and destructive criticism, no time for ill will or blaming others. We have to build the noble mansion of free India where all her children may dwell".

96. To whom did Nehru deliver this famous speech?
    (a) Nehru delivered this speech to a massive Indian crowd in attendance.
    (b) Nehru delivered this speech to the members of the Constituent Assembly.
    (c) Nehru delivered this speech to the members of the Lok Sabha
    (d) Nehru delivered this speech to the members of the Rajya Sabha.

    Answer: (b)

97. Choose the answer which captures Nehru's belief.
    (a) Nehru believed that India could achieve perfection immediately.
    (b) Nehru said the India's struggle for freedom was new and sudden.
    (c) Nehru believed that India could take huge steps towards realising its dreams.
    (d) Nehru believed that India's dreams were too unrealistic.

    Answer: (c)

98. The most dominant voice in the speech is
    (a) the voice of optimism
    (b) the voice of surrender
    (c) the voice of negligence
    (d) the voice of weakness

    Answer: (a)

99. Select the answer which best reflects Nehru's point of view.
    (a) Nehru believed that Communalism would not be a problem.
    (b) Nehru believed that Communalism would be a positive force.
    (c) Nehru believed that Communalism was dangerous for India.
    (d) Nehru believed that Communalism would make any nation great.

    Answer: (c)

100. What mansion did Nehru want to see built?
    (a) Nehru believed that the expensive mansion of India should be built.
    (b) Nehru believed that the honorable mansion of India should be built.
    (c) Nehru believed that the simple mansion of India should be built.
    (d) Nehru believed that the huge mansion of India should be built.

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

General Awareness

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

Quantitative Aptitude

51	**(c)**	52	**(b)**	54	**(d)**	55	**(b)**	56	**(c)**	57	**(d)**	58	**(b)**	62	**(a)**
64	**(b)**	66	**(a)**	67	**(d)**	68	**(b)**	69	**(c)**	70	**(c)**	74	**(c)**	75	**(b)**

English Comprehension

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