PREVIOUS YEAR PAPER

SSC CGL 2016 Tier I — 27 August 2016, Shift 3

SSC CGL · 27 August 2016 · 4:15 PM - 5:30 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 27 August 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-1-27-aug-shift-3/

General Intelligence and Reasoning

1. Select the related word/letters/numbers from the given alternatives: College: Student: : Hospital: __?__
   (a) Doctor
   (b) Treatment
   (c) Nurse
   (d) Patient
   Answer: (d)

2. Select the related word/letters/numbers from the given alternatives: DHL : PTX :: BFJ : ?
   (a) NRV
   (b) RVZ
   (c) CGK
   (d) KOS
   Answer: (a)

3. Select the related word/letters/numbers from the given alternatives: 5 : 124 :: 7 : ?
   (a) 125
   (b) 248
   (c) 342
   (d) 343
   Answer: (c)

4. For the following questions Find the odd word/letters/number pair from the given alternatives
   (a) Hard:Soft
   (b) Hot:Cold
   (c) Right:Wrong
   (d) Come:Arrive
   Answer: (d)

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

(a) AG

(b) WA

(c) ET

(d) IQ

Answer: (c)

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

(a) 14, 12

(b) 24, 7

(c) 42, 4

(d) 37, 4

Answer: (d)

7. Arrange the following words as per the order in the dictionary 1. RESIGN 2. REPAIR 3. RESIDUE 4. RESEARCH 5. RESCUE

(a) 4 5 3 1 2

(b) 2 5 4 3 1

(c) 2 5 4 1 3

(d) 5 4 3 1 2

Answer: (b)

8. A series is given with one term missing, Choose the correct alternative from the given ones that will complete the series. JAZ, LEX, NIV, PMT, ?

(a) QUR

(b) RQR

(c) SUR

(d) RUS

Answer: (b)

9. A series is given with one term missing, Choose the correct alternative from the given ones that will complete the series. 19, 28, 39, 52, ?, 84

(a) 39

(b) 52

(c) 67

(d) 84

Answer: (c)

10. X and Y are brothers. R is the father of Y. T is the sister of S who is maternal uncle of X. How is T related to R?

(a) Mother

(b) Wife

(c) Sister

(d) Brother

Answer: (b)

11. A is taller than B. C is taller than A. D is taller than E but shorter than B. Who is the tallest?

(a) C

(b) A

(c) D

(d) B

Answer: (a)

12. From the given alternative words, select the word which can be formed using the letters of the given word. SOMNAMBULISM

(a) NAMES

(b) BASALT

(c) SOUL

(d) BIOME

Answer: (c)

13. If D = 4, DOG = 26, then find the value of ANIMAL= ?

(a) 47

(b) 49

(c) 48

(d) 50

Answer: (d)

14. If '+' stands for '÷', '-' stands for '=', 'x' stands for [illegible], '÷'stands for greater than, '=' stands for less than, '>' stands for multiplication and '<' stand[illegible]r subtraction, then which of the following alternatives is correct?

(a) 5÷2×1=3+4>1

(b) 5>2×1-3>4<1

(c) 5×2<1-3<4×1

(d) 5<2×1÷3>4×1

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. 3X4X5 = 435 4X3X2 = 342 2X3X4= ?

(a) 324

(b) 342

(c) 432

(d) 243

Answer: (a)

16. In the question, selection the missing number from the given alternatives.

(a) 56

(b) 120

(c) 151

(d) 154

Answer: (b)

17. Ram walks 3 km towards East and takes a left turn and walks for one km before he turns left and walks 2 km to take another left turn to walk for another one km. How many km is he away from his starting point?

(a) 1km

(b) 2kms

(c) 3kms

(d) 4kms

Answer: (a)

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: All fruits are leaves. Some fruits are grapes. Conclusion I: Some leaves are grapes. Conclusion II: All grapes are fruits.

(a) Only conclusion I follows

(b) Only Conclusion II follows

(c) Both conclusion I and II follows

(d) Neither Conclusion I nor II follows

Answer: (a)

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 tow and next by its column. e.g. 'A' can be represented by 22, 10 etc and 'P' can be represented by 55, 67, 79 etc. Similarly, you have to identify the set for the word "NEAT".

(a) 44,14,34,56

(b) 20,33,78,75

(c) 13,40,67,99

(d) 32,21,41,68

Answer: (d)

General Awareness

26. Which one of the following is not a scheme/project of the present Government?

(a) AMRUT

(b) Swachh Bharat

(c) AYUSH

(d) Jan Dhan Yojana

Answer: (c)

27. Which of the following was India's first interplanetary mission?
    (a) Chandrayaan Mission
    (b) Mangalyaan Mission
    (c) Aryabhatta Mission
    (d) Philae Mission

    Answer: (b)

28. Why the Earth is having its own atmosphere ?
    (a) Winds
    (b) Clouds
    (c) Gravity
    (d) Rotation of the Earth

    Answer: (c)

29. Motor skills are associated with which part of the brain?
    (a) Frontal lobe
    (b) Parietal Lobe
    (c) Temporal lobe
    (d) Occipital Lobe

    Answer: (a)

30. Which enzyme is present in all members of the ar al kingdom except Protozoa?
    (a) Insulin
    (b) Pepsin
    (c) Renin
    (d) Amylase

    Answer: (d)

31. At boiling point of liquids , its
    (a) Temperature increases
    (b) Atmospheric pressure increases
    (c) Temperature remains constant
    (d) Vapour pressure decreases

    Answer: (c)

32. A level of atmosphere which is composed partly of electrons and positive ions is called
    (a) Troposphere
    (b) Ionosphere
    (c) Stratosphere
    (d) Mesosphere

    Answer: (b)

33. In India which of the following taxes is levied by the State governments?
    (a) Excise duty on liquor
    (b) Capital gains tax
    (c) Customs tax
    (d) Corporation tax

    Answer: (a)

34. After question hour, a motion moved by a Member of Parliament to draw the attention of Executive for discussing a definite matter of public importance is
    (a) Privilege motion
    (b) Calling attention Motion
    (c) Adjournment motion
    (d) No- confidence motion

    Answer: (c)

36. The only Viceroy to be assassinated in India was
    (a) Lord Harding
    (b) Lord Northbrook
    (c) Lord Ellenborough
    (d) Lord Mayo

    Answer: (d)

37. Which one is not the main objective of fiscal policy in India?
    (a) To increase liquidity in the economy
    (b) To promote price stability
    (c) To minimize the inequalities of income & wealth
    (d) To promote employment opportunity

    Answer: (a)

38. Who was the founder of the Theosophical Society?
    (a) Justice Ranade
    (b) Madam Blavatsky
    (c) Annie Besant
    (d) Bal Gangadhar Tilak

    Answer: (b)

39. India recently signed land boundary agreement with which country?
    (a) China
    (b) Nepal
    (c) Bhutan
    (d) Bangladesh

    Answer: (d)

40. Who among the following Indians is one who has been selected on July 27,for the Ramon Magsaysay Award, 2016?
    (a) Bezwada Wilson
    (b) Kailash Satyarthi
    (c) Kiran Bedi
    (d) Mahasweta Devi

    Answer: (a)

41. The first Field Marshall of India was
    (a) A. S. Vaidya
    (b) K.M. Cariappa
    (c) Sunderji
    (d) S.H.F.J. Manekshaw

    Answer: (d)

42. "Earth provides enough to satisfy everyman's need but not everyman's greed". Who said this?
    (a) Guru Nanak Dev
    (b) Mahatma Gandhi
    (c) Pope Paul VI
    (d) Smt. Indira Gandhi

    Answer: (b)

43. Who won the first medal for India at the Rio Olym[illegible]s?
    (a) Babita Kumari
    (b) Narsingh Yadav
    (c) P. V. Sindhu
    (d) Sakshi Malik

    Answer: (d)

44. The most serious air pollutant causing health hazard is
    (a) Sulphur dioxide
    (b) Carbon monoxide
    (c) Ozone
    (d) Nitrogen oxide

    Answer: (a)

45. Helium is added to the oxygen supply of deep sea divers because it is _____
    (a) less poisonous than nitrogen
    (b) Lighter than nitrogen
    (c) Readily miscible with oxygen
    (d) less soluble in blood than nitrogen at high pressure

    Answer: (d)

46. Terylene is a condensation polymer of ethylene glycol and which acid?
    (a) Benzoic Acid
    (b) Salicylic acid
    (c) Phthalic acid
    (d) Terephthalic acid

    Answer: (d)

47. In IT, means that the data available in the database is both accurate and consistent.
    (a) Data Security
    (b) Data Availability
    (c) Data Binding
    (d) Data Integrity

    Answer: (d)

48. On a clean glass plate a drop of water spreads to form a thin layer whereas a drop of mercury remains almost spherical because _____
    (a) Mercury is a metal
    (b) Density of mercury is greater than that of water
    (c) Cohesion of mercury is greater than its adhesion with glass
    (d) Cohesion of water is greater than its adhesion with glass

    Answer: (c)

49. The smallest island country in the Indian Ocean i
    (a) Maldives
    (b) Sri Lanka
    (c) Mauritius
    (d) Madagascar

    Answer: (a)

50. The Chairman of the Public Accounts Committee of the Parliament is appointed by the
    (a) President of India
    (b) Prime Minister of India
    (c) Speaker of Lok Sabha
    (d) Chairman of Rajya Sabha

    Answer: (c)

Quantitative Aptitude

51. A and B can together do a piece of work in 6 days and A alone can do it in 9 days. The number of days B will take to do it alone is
    (a) 18 days
    (b) 24 days
    (c) 9 days
    (d) 12 days

    Answer: (a)

52. The length of the two parallel sides of a trapezium are 16 m and 20 m respectively. If its height is 10 m, its area in square metres is

(a) 360

(b) 260

(c) 240

(d) 180

Answer: (d)

53. A discount series of 15%, 20% and 25% is equal to the single discount of?

(a) 48%

(b) 49%

(c) 50%

(d) 51%

Answer: (b)

54. Rs. 490 is divided among A, B and C such that A's share is half that of B's and thrice that of C's. What is C's share?

(a) Rs.49

(b) Rs.147

(c) Rs.294

(d) Rs.245

Answer: (a)

55. A dealer sold an article at 6% loss. Had he sold for Rs. 64 more, he would have made a profit of 10%. Then the cost of the article is

(a) Rs.400

(b) Rs.200

(c) Rs.164

(d) Rs.464

Answer: (a)

56. There are 1400 students in a school, 25% of those wear spectacles and 2/7 of those wearing spectacles are boys. How many girls in the school wear spectacles?

(a) 250

(b) 100

(c) 200

(d) 300

Answer: (a)

57. A man can row upstream at 12 km/hr and downstream at 18 km/hr. The man's rowing speed in stillwater is

(a) 15 km/hr

(b) 5 km/hr

(c) 3 km/hr

(d) 10 km/hr

Answer: (a)

59. The value of (ds+t÷ ds) ÷ dt would be

(a) d2(s+t)

(b) 1

(c) 0

(d) ds-t

Answer: (b)

60. Possible measures of three angles of a triangle are

(a) 33°, 42°, 115°

(b) 40°, 70°, 80°

(c) 30°, 60°, 100°

(d) 50°, 60°, 70°

Answer: (d)

61. BD and CE are two medians of the triangle ABC. [illegible]D = 7 cm, then the length of CE is

(a) 28 cm

(b) 14 cm

(c) 21 cm

(d) 35 cm

Answer: (c)

63. The greatest perfect square number of 6 digits is

(a) 999001

(b) 998001

(c) 998009

(d) 998101

Answer: (b)

64. The average height of 30 boys out of a class of 50 is 160 cm. If the average height of the remaining boys is 165 cm, the average height of the whole class (in cm) is:

(a) 161

(b) 162

(c) 163

(d) 164

Answer: (b)

65. Given a - b = 2, a3- b3=26 then (a + b)2 is

(a) 9

(b) 4

(c) 16

(d) 12

Answer: (c)

66. If X + Y + Z = 9 then the value of (X - 4)3 + (Y - 2)3 + (Z - 3)3 - 3 (X - 4) (Y - Z) (Z - 3) is

(a) 6

(b) 9

(c) 0

(d) 1

Answer: (c)

67. Three medians AD, BE and CF of ∆ABC intersect at G; Area of ∆ABC is 36 sq cm. Then the area of ∆CGE is

(a) 12 sq cm

(b) 6 sq cm

(c) 9 sq cm

(d) 18 sq cm

Answer: (b)

68. A chord of a circle is equal to its radius. A tangent is drawn to the circle at an extremity of the chord. The angle between the tangent and the chord is

(a) 30°

(b) 45°

(c) 60°

(d) 75°

Answer: (a)

70. The difference between simple and compound interest (compounded annually) on a sum of money for 3 years at 10% per annum is Rs. 93. The sum (in Rs.) is:

(a) 30000

(b) 30300

(c) 3000

(d) 3030

Answer: (c)

71. The angles of elevation of top and bottom of a flag kept on a flagpost from 30 metres distance, are 45o and 30o respectively. Height of the flag is [taking √3 = 1.732]

(a) 12 √3 m

(b) 15 m

(c) 14.32 m

(d) 12.68 m

Answer: (d)

72. Study the following bar-diagram carefully and answer the questions. The bar graph given below shows the foreign exchange reserves of a country (in million US $) from 1991 - 1992 to 1998 - 1999. The ratio of the number of years, in which the foreign exchange reserves are above the average reserves, to those in which the reserves are below the average reserves is

(a) 2:6

(b) 3:4

(c) 3:5

(d) 4:4

Answer: (c)

73. Study the following bar-diagram carefully and answer the questions. The bar graph given below shows the foreign exchange reserves of a country (in million US $) from 1991 - 1992 to 1998 - 1999. The foreign exchange reserves in 1996-97 were approximately what percent of the average foreign exchange reserves over the period under review?

(a) 95%

(b) 110%

(c) 115%

(d) 124%

Answer: (d)

74. Study the following bar-diagram carefully and answer the questions. The bar graph given below shows the foreign exchange reserves of a country (in million US $) from 1991 - 1992 to 1998 - 1999. The percentage increase in the foreign exchange reserves in 1997-98 over 1993-94 is

(a) 100

(b) 150

(c) 200

(d) 120

Answer: (a)

75. Study the following bar-diagram carefully and answer the questions. The bar graph given below shows the foreign exchange reserves of a country (in million US $) from 1991 - 1992 to 1998 - 1999. Ratio of the sum of foreign exchange during the years 1991-92, 1992-93, 1993-94 to that during the years 1995-96, 1996-97, 1997-98 is

(a) 31: 35

(b) 35:31

(c) 37:52

(d) 52:37

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. PANACEA

(a) PRAISE

(b) CURE-ALL

(c) POISON

(d) AMBROSIA

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. DETEST

(a) DENOUNCE

(b) IGNORE

(c) ADORE

(d) CASTIGATE

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) Debilitate

(b) Impecable

(c) Inkulcate

(d) Harrass

Answer: (a)

79. 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. What a _____ holiday!

(a) momentous

(b) memorable

(c) momentary

(d) immortal

Answer: (b)

80. 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. Many important projects have reached the final stage of _____.

(a) accomplishment

(b) initiation

(c) resolution

(d) implementation

Answer: (d)

81. 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. _____ you live long!

(a) Might

(b) May

(c) Shall

(d) Should

Answer: (b)

82. 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. Each of the girls (A) / have come (B) / with her books. (C) / No Error (D)

(a) A

(b) B

(c) C

(d) D

Answer: (b)

83. 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. Me and my wife (A) / were at home (B) / last night. (C) / No Error (D)

(a) A

(b) B

(c) C

(d) D

Answer: (a)

84. 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. Essay writing is an art (A) / that requires many planning (B) / on the part of the writer. (C) / No Error (D)

(a) A

(b) B

(c) C

(d) D

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. Caught red-handed

(a) Caught by mistake

(b) Caught with a red-handkerchief

(c) Found wounded

(d) Discovered in the act of doing

Answer: (d)

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. Gate crasher

(a) Invader

(b) Thief

(c) Uninvited guest

(d) Children

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. To angle

(a) To measure the river breadth

(b) To fish with a net

(c) To fish

(d) To sit and watch the river

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. Favouritism shown by a person in power to his relatives

(a) Formalism

(b) Red-tapism

(c) Nepotism

(d) Bureaucracy

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. A round-about way of expression

(a) Verbosity

(b) Talkativeness

(c) Circumlocution

(d) Locquacious

Answer: (c)

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. Suitable or intended for only young persons

(a) Youthful

(b) Puerile

(c) Adolescent

(d) Juvenile

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. My brother, David, was always close to our grandmother. Both of them shared a love of Mother Nature and of food that they had grown themselves. Whenever his schedule permitted, he would drop in for a short visit and a cup of coffee. One day, when he found no one home, he left a chunk of dirt on her porch. This started what was later to be known as his "calling card". Grandmother would come home occasionally and instantly know that Dave had been by when she spotted the chunk of dirt on her porch.
> Although Grandmother had a poor upbringing in Italy, she managed to do well in the United States. She was always healthy and independent and enjoyed a fulfilling life. Recently she had a stroke and died. Everyone was saddened by her death. David was disconsolate. His life-long friend was now gone.

96. What is the opposite of the word 'disconsolate'
    (a) Devastated
    (b) Hilarious
    (c) Exuberant
    (d) Sombre

    Answer: (c)

97. David would drop in for a short visit and leave a _____ as a sign on grandma's porch if she was not at home.
    (a) schedule
    (b) chunk of dirt
    (c) calling card
    (d) cup of coffee

    Answer: (b)

98. Grandmother used to be _____ .
    (a) rich in Italy but poor in the United States
    (b) in the United States but is now in Italy
    (c) poor earlier but became rich later on
    (d) rich earlier but now poor

    Answer: (c)

99. Grandmother enjoyed a _____ life.
    (a) healthy but sickly
    (b) good and healthy
    (c) rich but sickly
    (d) poor and healthy

    Answer: (b)

100. Grandmother's death made everyone

(a) sad including David

(b) disconsolate excluding David

(c) happy and disconsolate

(d) sad excluding David

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

General Awareness

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

Quantitative Aptitude

51	**(a)**	52	**(d)**	53	**(b)**	54	**(a)**	55	**(a)**	56	**(a)**	57	**(a)**	59	**(b)**
60	**(d)**	61	**(c)**	63	**(b)**	64	**(b)**	65	**(c)**	66	**(c)**	67	**(b)**	68	**(a)**
70	**(c)**	71	**(d)**	72	**(c)**	73	**(d)**	74	**(a)**	75	**(c)**				

English Comprehension

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