PREVIOUS YEAR PAPER

SSC CGL 2017 Tier I — 18 August 2017, Shift 3

SSC CGL · 18 August 2017 · 4:15 PM - 5:15 PM

92 of the paper's 100 questions · +2 for a correct answer, −0.5 for a wrong one · 60 minutes

Left out of the original paper: 8 (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 18 August 2017, 4:15 PM - 5:15 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-2017-tier-1-18-aug-shift-3/

General Intelligence and Reasoning

1. Select the related word from the given alternatives. School : Teacher :: Court : ?
   (a) Lawyer
   (b) Play
   (c) Tennis
   (d) Justice
   Answer: (a)

2. Select the related letters from the given alternatives. EGI : BDF :: KMO : ?
   (a) GIK
   (b) MOQ
   (c) HJL
   (d) QSU
   Answer: (c)

3. Select the related number from the given alternatives. 5 : -10 :: -8 : ?
   (a) 16
   (b) -16
   (c) 13
   (d) -13
   Answer: (a)

4. Select the odd word from the given alternatives.
   (a) Knife
   (b) Fork
   (c) Plate
   (d) Spoon
   Answer: (c)

5. Select the odd letters from the given alternatives.

(a) AEI

(b) JNR

(c) SWA

(d) FHJ

Answer: (d)

6. Select the odd number from the given alternatives.

(a) 169

(b) 421

(c) 529

(d) 289

Answer: (b)

7. A series is given, with one word missing. Choose the correct alternative from the given ones that will complete the series. hello, lower, error, organ, tense, ?

(a) night

(b) rapture

(c) senile

(d) watch

Answer: (c)

8. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series. XXXOXXX, XXXXOXX, XXOXXX, XXXXXOX, XOXXXXX, ?

(a) XXXXXXO

(b) OXXXXXXO

(c) XXXOXXX

(d) XXXXXX

Answer: (a)

9. A series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series. 3/5, 1.4, 11/5, ? , 19/5, 4.6

(a) 14/5

(b) 3.2

(c) 16/5

(d) 3

Answer: (d)

10. Devansh's birthday is on Friday 14th April. On what day of the week will be Rohan's Birthday in the same year if Rohan was born on 20th September?

(a) Tuesday

(b) Friday

(c) Thursday

(d) Wednesday

Answer: (d)

11. The weights of 4 boxes are 20, 40, 80 and 90 kilograms. Which of the following cannot be the total weight, in kilograms, of any combination of these boxes and in a combination a box can be used only once?

(a) 220

(b) 230

(c) 150

(d) 210

Answer: (a)

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

(a) RECAP

(b) PARCH

(c) PEACH

(d) CARES

Answer: (d)

13. If MIGRANT is coded as LHFQZMS, then how will GEL be coded as?

(a) QXK

(b) FDK

(c) IXZ

(d) IFG

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Answer: (b)

14. In a certain code language, '+' represents 'x', '-' represents '+', 'x' represents '÷' and '÷' represents '-'. What is the answer to the following question? 27 x 3 ÷ 30 + 5 - 125 = ?

(a) 69

(b) 67

(c) -15

(d) -16

Answer: (d)

15. If 11$25 = 18, 12$20 = 16 then what is the value of 4$50 = ?

(a) 42

(b) 17

(c) 27

(d) 37

Answer: (c)

17. P and Q start cycling from the same point. P cycles 18 km North, then turns to her right and cycles 3 km. Q cycles 9 km East, then turns North and cycles 10 km North, then turns left and cycles 6 km. Where is Q now with respect to the position of P?

(a) 8 km South

(b) 8 km North

(c) 28 km South

(d) 28 km North

Answer: (a)

18. In the question a statement is given, followed by two arguments, 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 have to decide which of the given arguments, if any, is a strong argument. Statement : Should rock shows be allowed to run till midnight at tourist places? Argument I : Yes, more tourists arrive due to rock shows. Tourism is good for local economy. Argument II : No, local traditions are harmed due to tourism.

(a) if only argument I is strong.

(b) if only argument II is strong.

(c) if both I and II are strong.

(d) if neither I nor II is strong.

Answer: (a)

General Awareness

26. The _____ exchange rate is the price of one unit of foreign currency in terms of domestic currency.

(a) Artificial

(b) Nominal

(c) Fixed

(d) Real

Answer: (b)

27. _____ of an input is defined as the change in output per unit of change in the input when all other inputs are held constant.

(a) Marginal product

(b) Production function

(c) Total product

(d) Average product

Answer: (a)

28. "Trade unions" is listed in the _____ list given in the Seventh Schedule of the Constitution of India.

(a) Union

(b) State

(c) Global

(d) Concurrent

Answer: (d)

29. _____ writ is issued by a higher court (High Court or Supreme Court) when a lower court has considered a case going beyond its jurisdiction.

(a) Habeas Corpus

(b) Mandamus

(c) Prohibition

(d) Quo Warranto

Answer: (c)

30. Arrest of _____ in 1930 led to angry demonstrations in streets of Peshawar.

(a) Abdul Ghaffar Khan

(b) Abul Kalam Azad

(c) Zakir Hussain

(d) Muzaffar Ahmed

Answer: (a)

31. The _____ were the successors of Timur, the ruler of Iran, Iraq and modern-day Turkey.

(a) Rajputs

(b) Khaljis

(c) Mughals

(d) Tughluq

Answer: (c)

32. Beyond the _____, the Himalayas bend sh ıy to the south and spread along the eastern boundary of India.

(a) Zoji La Pass

(b) Dihang gorge

(c) Bhutan border

(d) Nepal Border

Answer: (b)

33. The National Highway 1A connects Leh to Kashmir Valley through the _____ pass.

(a) Khyber

(b) Zoji la

(c) Nathula

(d) Karakoram

Answer: (b)

34. In the names Mangifera indica (mango), Solanum tuberosum (potato) and Panthera leo (lion), the terms Mangifera, Solanum and Panthera represent the higher level of?

(a) Taxon

(b) Taxonomic Hierarchy

(c) Specific Epithet

(d) Binomial Nomenclature

Answer: (a)

35. Which of the following is one of the commercial products obtained from Gelidium and Gracilaria and are used to grow microbes and in preparations of icecreams and jellies?

(a) Agar
(b) Chlorella
(c) Spirullina
(d) Gymnosperms

Answer: (a)

36. Taenia (Tapeworm), Fasciola (Liver fluke) are examples of which Phylum?

(a) Coelenterata
(b) Platyhelminthes
(c) Annelida
(d) Arthropoda

Answer: (b)

37. If the mass of an object is 60 kgs, what will be its weight on the moon? (N=Newton)

(a) 60N
(b) 600N
(c) 100N
(d) 10N

Answer: (c)

38. The side mirrors of vehicles are of which type of mirrors?

(a) Convex
(b) Concave
(c) Plane
(d) Inverted

Answer: (a)

39. In Microsoft Excel, the _____() function returns the largest value among the values passed as arguments.

(a) HIGHEST
(b) MORE
(c) HIGH
(d) MAX

Answer: (d)

40. In an acid base reaction which product is produced along with a salt?

(a) Hydrogen gas
(b) Oxygen gas
(c) Carbon dioxide
(d) Water

Answer: (d)

41. What is the process of melting also called?
    (a) Fusion
    (b) Galvanisation
    (c) Crystallisation
    (d) Evaporation

    Answer: (a)

42. Which one of the following is not a Major Abiotic Factors?
    (a) Temperature
    (b) Water
    (c) Light
    (d) Air

    Answer: (d)

43. _____ scheme launched by the Central Government aims to promote entrepreneurship among people from schedule caste/schedule tribe.
    (a) Pradhan Mantri Fasal Bima Yojana
    (b) Gram Uday Se Bharat Uday Abhiyan
    (c) Stand up India scheme
    (d) National RU URBAN Mission

    Answer: (c)

44. Who discovered Potassium?
    (a) Humphry Davy
    (b) Alan Turing
    (c) Bill Gates
    (d) Tim Berners-Lee

    Answer: (a)

45. Who is the winner of 2017 Formula One Bahrain Grand Prix?
    (a) Sebastian Vettel
    (b) Lewis Hamilton
    (c) Valtteri Bottas
    (d) Kimi Raikkonen

    Answer: (a)

46. Where is Humayun's Tomb is located?
    (a) Hyderabad
    (b) New Delhi
    (c) Mumbai
    (d) Kolkata

    Answer: (b)

47. Which of the following was the winner of the Grammy Awards 2016 "Rap Album of the Year"?

(a) Compton

(b) 2014 Forest Hills Drive

(c) To Pimp a Butterfly

(d) The Pinkprint

Answer: (c)

48. Which of the statements given above are correct? 1. The author of the novel 'Brave New World' is Aldous Huxley. 2. The author of the novel 'An Affair Downstairs' is Sherri Browning. 3. The author of the novel 'Darkness at Noon' is Victor LaValle.

(a) 1 and 2

(b) 2 and 3

(c) 1 and 3

(d) 1, 2 and 3

Answer: (a)

49. To which country, India gave Rs. 35 crore rupees to children of freedom fighters in under the new ‘Muktijodha scholarship' scheme?

(a) Nepal

(b) Bhutan

(c) Bangladesh

(d) Sri Lanka

Answer: (c)

50. Which nation is not a part of the South [illegible]ian F[illegible] Trade Area?

(a) China

(b) Sri Lanka

(c) Bhutan

(d) India

Answer: (a)

Quantitative Aptitude

51. What will be the quotient when 2143 is divided by 38?

(a) 56

(b) 55

(c) 57

(d) 54

Answer: (a)

52. A and B together do a job in 15 days and A alone could do the same job in 20 days. How many days would B take to do half the job if he worked alone?

(a) 60
(b) 30
(c) 45
(d) 40

Answer: (b)

53. What is the area (in sq cm) of a rectangle if its diagonal is 51 cm and one of its sides is 24 cm?

(a) 540
(b) 810
(c) 1080
(d) 360

Answer: (c)

54. A shopkeeper marks up his wares by 60% and offers 10% discount. What will be the selling price (in Rs) if the cost price is Rs 7500?

(a) 11800
(b) 12800
(c) 13800
(d) 10800

Answer: (d)

55. What number should be added to each of the numbers 94, 24, 100 and 26, so that the resulting numbers are in continued proportion?

(a) 10
(b) 11
(c) 9
(d) 8

Answer: (b)

56. A batsman makes a score of 81 runs in the 16th match and thus increases his average runs per match by 3. What is his average after the 16th match?

(a) 35
(b) 34
(c) 33
(d) 36

Answer: (d)

57. A vendor buys 12 bananas for Rs 60 and sells 5 bananas for Rs 32. What will be his gain (in %)?

(a) 28
(b) 32
(c) 24
(d) 22

Answer: (a)

58. Two labourers A and B are paid a total of Rs. 1120 per day. If A is paid 180 percent of what is paid to B, how much (in Rs) is B paid?

(a) 400

(b) 720

(c) 500

(d) 620

Answer: (a)

59. A man travelled a distance of 99 km in 9 hours. He travelled partly on foot @ 9 km/hr and partly on bicycle @ 18 km/hr. What is distance (in kms) travelled on foot?

(a) 36

(b) 54

(c) 63

(d) 45

Answer: (c)

60. The compound interest earned in two years at 15% per annum is Rs 20640. What is the sum invested (in Rs)?

(a) 64000

(b) 60000

(c) 56000

(d) 52000

Answer: (a)

61. If 5x/2 - [7(6x - 3/2)]/4 = 5/8, then what is the value of x?

(a) 1/4

(b) -1/4

(c) 4

(d) -4

Answer: (a)

62. If a3 - b3 = 91 and a - b = 1, then what is the value of ab?

(a) 27

(b) 6

(c) 9

(d) 30

Answer: (d)

63. A fraction is greater than twice its reciprocal by 7/15. What is the fraction?

(a) 3/5

(b) 5/3

(c) 3/4

(d) 4/3

Answer: (b)

64. What is the sum of the first 17 terms of an arithmetic progression if the first term is -20 and last term is 28?

(a) 68

(b) 156

(c) 142

(d) 242

Answer: (a)

65. What is the reflection of the point (-3, 1) in the line x = -2?

(a) (-1 , 1)

(b) (-3 , -5)

(c) (1 , 1)

(d) (-3 , 5)

Answer: (a)

66. The co-ordinates of the centroid of a triangle ABC are (2 , 2). What are the co-ordinates of vertex C if co-ordinates of A and B are (7 , -1) and (1 , 2) respectively?

(a) (-2 , 5)

(b) (2 , 5)

(c) (-2 , -5)

(d) (2 , -5)

Answer: (a)

67. If ax - 4y = -6 has a slope of -3/2. What is the value of a?

(a) 6

(b) 3

(c) -6

(d) -3

Answer: (c)

68. D and E are points on side AB and AC of ΔABC. DE is parallel to BC. If AD:DB = 1:2 and area of Δ ABC is 45 sq cm, what is the area (in sq cm) of quadrilateral BDEC?

(a) 20

(b) 40

(c) 15

(d) 30

Answer: (b)

69. What is the value of $\sqrt{2}$ Sec 45° + $(1/\sqrt{3})$Tan 30°?

(a) $(1 + \sqrt{3})/2$

(b) $(1 + 3\sqrt{2})/\sqrt{3}$

(c) 7/3

(d) $(3 + 2\sqrt{2})/3\sqrt{2}$

Answer: (c)

70. Δ XYZ is right angled at Y. If m∠Z = 30°. What is the length of YZ (in cm), if ZX = 9 cm?

(a) $6\sqrt{3}$

(b) $9\sqrt{3}/2$

(c) $3\sqrt{3}$

(d) 18

Answer: (b)

71. If Cos θ = 15/17 , then what is the value of Cosec θ?

(a) 17/8

(b) 8/17

(c) 8/15

(d) 17/15

Answer: (a)

72. Which country produced the second least number of cars?

(a) D

(b) F

(c) C

(d) A

Answer: (b)

73. Country E produced how many more cars (in %) t[illegible] country B?

(a) 10

(b) 12.5

(c) 11.11

(d) 8

Answer: (b)

74. If 35% of the cars produced by these six countries are diesel and the rest are petrol, then how many petrol cars were produced (in millions)?

(a) 1.755

(b) 0.945

(c) 2.7

(d) 1.8

Answer: (a)

75. If on an average the cost price of a car is 30000 USD and environmental tax levied on each car is 2.5% of its cost price, how much environmental tax was collected (in billion USD) from production of cars in these 6 countries?

(a) 1.03

(b) 2.03

(c) 3.03

(d) 4.03

Answer: (b)

English Comprehension

76. In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'. As Benjamin ran (1)/ next the street, he wondered (2)/ what he should buy. (3)/No Error (4)

(a) 1

(b) 2

(c) 3

(d) 4

Answer: (b)

77. In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'. It had a bright blue (1)/ cover, which he was (2)/ careful not do soil. (3)/No Error (4)

(a) 1

(b) 2

(c) 3

(d) 4

Answer: (c)

78. In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option. Although the school lunch passed the legal standards _____ or not it is healthy is debatable.

(a) weather

(b) if

(c) whether

(d) either

Answer: (c)

79. In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option. Seventeen students were needed for a _____ in order to discuss the topics during the Student Council meeting.

(a) decorum

(b) quota

(c) quorum

(d) quote

Answer: (c)

80. In the following question, out of the four alternatives, select the word similar in meaning to the word given. Posterior

(a) Anterior

(b) Antecedent

(c) Dorsal

(d) Former

Answer: (c)

81. In the following question, out of the four alternatives, select the word similar in meaning to the word given. Emphasis

(a) Ignorance

(b) Lethargy

(c) Triviality

(d) Significance

Answer: (d)

82. In the following question, out of the four alternatives, select the word opposite in meaning to the word given. Lambency

(a) Effulgence

(b) Dullness

(c) Gusto

(d) Phosphorescence

Answer: (b)

83. In the following question, out of the four alternatives, select the word opposite in meaning to the word given. Turgid

(a) Bloated

(b) Humble

(c) Puffy

(d) Tumescent

Answer: (b)

84. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase. In bad taste

(a) Not suitable or offensive

(b) To be a bad cook

(c) To have a poor choice of fashion style

(d) To epress honest harsh opinion about someone or something

Answer: (a)

85. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase. Once and for all

(a) Now and for the last time; finally

(b) To be successful in the first attempt

(c) To do a charitable act for the benefit of everybody

(d) To speak for the majority

Answer: (a)

86. In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement". His shoes (to cover) with mud.

(a) was covered

(b) were covered

(c) were covering

(d) no improvement

Answer: (b)

87. In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement". The tropical storm (be) a hurricane

(a) will become

(b) become

(c) to become

(d) no improvement

Answer: (a)

88. In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence. Seeking to harm someone in return for a perceived injury

(a) Affable

(b) Cordial

(c) Vengeful

(d) Benign

Answer: (c)

89. In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence. The state of being in short supply

(a) Plethora

(b) Myriad

(c) Scarcity

(d) Profusion

Answer: (c)

90. In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.

(a) Scriptare

(b) Screpture

(c) Scripture

(d) Screptare

Answer: (c)

91. In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.

(a) Anoyance

(b) Annoyanse

(c) Anoyanse

(d) Annoyance

Answer: (d)

92. The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph. It was a somewhat X-carried it off as Y-trying ordeal, but we Z-best as we could

(a) YXZ

(b) XZY

(c) XYZ

(d) ZYX

Answer: (a)

93. The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph. The considerations which X-are set forth in our Y-lead us to refer ideas to the brain Z-physiologies and psychologies

(a) YXZ

(b) YZX

(c) XYZ

(d) ZYX

Answer: (a)

94. In the following question, a sentence has been given in Active/Passive voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/Active voice. Omkar generously donated money to the orphanage.

(a) Money was generously donated to the orphanage by Omkar.

(b) Money is generously donated to the orphanage by Omkar.

(c) Donating of the money generously was done by Omkar.

(d) Donating of the money generously is done by Omkar.

Answer: (a)

95. In the following question, a sentence has been given in Direct/Indirect speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect/Direct speech. My grandfather said to the visitor, "Who are you? Where do you come from?"

(a) My grandfather enquired the visitor who are you, where do you come from.

(b) My grandfather enquires the visitor who he was and where he came from.

(c) My grandfather enquired of the visitor who he was and where he came from.

(d) My grandfather enquires the visitor who are you, where do you come from.

Answer: (c)

Passage — for questions 96–100

> In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives. As one of the most misunderstood practices, yoga has often borne the brunt of being _____ in extremes: of yogis in pretzel-like contortions at _____ end of the spectrum, and young Instagram-led, erstwhile-overweight beach posers _____ the other. The truth is that yoga is what you want it to be — the ultimate customisable exercise form. For a runner, it may mean lengthening muscles to gain _____, while for someone who is hyper-flexible, it could be a way of _____core strength.

96. yoga has often borne the brunt of being _____ in extremes
    (a) see
    (b) seen
    (c) saw
    (d) to see
    Answer: (b)

97. yogis in pretzel-like contortions at _____ end of the spectrum
    (a) first
    (b) one
    (c) once
    (d) that
    Answer: (b)

98. erstwhile-overweight beach posers _____ the other.
    (a) in
    (b) on
    (c) of
    (d) at
    Answer: (d)

99. may mean lengthening muscles to gain _____, while for someone
    (a) flexible
    (b) flexibleness
    (c) flexibilities
    (d) flexibility
    Answer: (d)

100. it could be a way of _____core strength.
    (a) enhance
    (b) enhancing
    (c) enhances
    (d) to enhance
    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	**(a)**	2	**(c)**	3	**(a)**	4	**(c)**	5	**(d)**	6	**(b)**	7	**(c)**	8	**(a)**
9	**(d)**	10	**(d)**	11	**(a)**	12	**(d)**	13	**(b)**	14	**(d)**	15	**(c)**	17	**(a)**
18	**(a)**														

General Awareness

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

Quantitative Aptitude

51	**(a)**	52	**(b)**	53	**(c)**	54	**(d)**	55	**(b)**	56	**(d)**	57	**(a)**	58	**(a)**
59	**(c)**	60	**(a)**	61	**(a)**	62	**(d)**	63	**(b)**	64	**(a)**	65	**(a)**	66	**(a)**
67	**(c)**	68	**(b)**	69	**(c)**	70	**(b)**	71	**(a)**	72	**(b)**	73	**(b)**	74	**(a)**
75	**(b)**														

English Comprehension

76	**(b)**	77	**(c)**	78	**(c)**	79	**(c)**	[illegible]	**(c)**	81	**(d)**	82	**(b)**	83	**(b)**
84	**(a)**	85	**(a)**	86	**(b)**	87	[illegible]	88	**(c)**	89	**(c)**	90	**(c)**	91	**(d)**
92	**(a)**	93	**(a)**	94	**(a)**	95	**(c)**	96	**(b)**	97	**(b)**	98	**(d)**	99	**(d)**
100	**(b)**														