PREVIOUS YEAR PAPER

SSC CGL 2017 Tier I — 10 August 2017, Shift 1

SSC CGL · 10 August 2017 · 10:00 AM - 11:00 AM

83 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: 17 (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 10 August 2017, 10:00 AM - 11:00 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-2017-tier-1-10-aug-shift-1/

General Intelligence and Reasoning

1. In the following question, select the related word pair from the given alternatives. Canada : Ottawa : : ? : ?

(a) Egypt : Cairo

(b) Norway : Havana

(c) France : Rome

(d) Kenya : Teheran

Answer: (a)

2. In the following question, select the related letters from the given alternatives. JQXE : LSZG : : MTNL : ?

(a) OPVN

(b) KRPN

(c) OVPN

(d) OPLJ

Answer: (c)

3. In the following question, select the related number from the given alternatives. 7 : 48 : : 11 : ?

(a) 120

(b) 121

(c) 131

(d) 170

Answer: (a)

4. In the following question, select the odd word from the given alternatives.

(a) Square

(b) Rectangle

(c) Cylinder

(d) Triangle

Answer: (c)

5. In the following question, select the odd letter from the given alternatives.

(a) A

(b) S

(c) U

(d) I

Answer: (b)

6. In the following question, select the odd number from the given alternatives.

(a) 216

(b) 125

(c) 343

(d) 510

Answer: (d)

7. Arrange the given words in the sequence in which they occur in the dictionary. 1. Dragon 2. Draculla 3. Dormont 4. Drapery 5. Deviate

(a) 53214

(b) 53124

(c) 53421

(d) 53412

Answer: (a)

8. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series. KV, LU, MT, ?

(a) NS

(b) OS

(c) OU

(d) SN

Answer: (a)

9. In the following question, select the missing number from the given series. 3, 4, 5, 4, 9, 10, 6, 16, 15, 9, 25, 20, 13, 36, ?

(a) 17

(b) 25

(c) 28

(d) 31

Answer: (b)

10. The ratio of present ages of Anil and Aakash is 4 : 5. Three years later their ages will be in ratio 7 : 8. What is the present age (in years) of Anil?

(a) 8

(b) 6

(c) 4

(d) 10

Answer: (c)

11. Karan remembers that his sister's birthday is not after 18th August. Karan's mother remembers that Karan's sister birthday is before 20th August but after 17th August. On which date of August is Karan's sister birthday?

(a) 18

(b) 17

(c) 19

(d) 20

Answer: (a)

12. In the following question, from the given alternative words, select the word which cannot be formed using the letters of the given word. Superconductors

(a) Sports

(b) Spunt

(c) Stern

(d) Spectrum

Answer: (d)

13. In a certain code language, "PEN-TAN" is written as "0". How is "DEN-COB" written in that code language?

(a) 8

(b) 3

ENROLL NOW
READ THEIR STORIES !

(c) 9

(d) 7

Answer: (b)

14. If "÷" denotes "multiplied by", "+" denotes "subtracted from", "–" denotes "added to" and "x" denotes "divided by", then which of the following equation is true?

(a) 16 + 19 x 21 – 5 = 201

(b) 5 x 6 + 4 ÷ 3 = 37/6

(c) 6 x 3 + 12 ÷ 3 = 21

(d) 18 x 6 ÷ 8 – 12 = 36

Answer: (d)

15. If 5 # 9 @ 7 = 52 and 3 @ 9 # 2 = – 89, then 7#6@9=?

(a) 67

(b) 56

(c) 43

(d) 28

Answer: (a)

18. In each of the following question below are given some statements followed by some conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the conclusions and then decide which of the given conclusion logically follows the given statements. Statements: I. All stars are white. II. All white are moon. III. No moon is blue. Conclusions: I. Some moon are stars. II. No blue is stars. III. Some white are stars. IV. Some blue are white.

(a) Only conclusion (I), (II) and (III) follow.

(b) Only conclusion (III) and (IV) follow.

(c) Only conclusion (I), (II) and (IV) follow.

(d) Only conclusion (II), (III) and (IV) follow.

Answer: (a)

General Awareness

26. Which among the following is not an account under Balance of Payment?

(a) Current Account

(b) Capital Account

(c) Official Reserves Account

(d) Unilateral Payments Account

Answer: (c)

28. Who appoints Governor of a state in India?

(a) Prime Minister of India

(b) Council of Minister

(c) Judge of Supreme Court

(d) President of India

Answer: (d)

29. What is the literal meaning of 'Certiorari'?

(a) We command

(b) To have the body of

(c) To forbid

(d) To be certified (or) to be informed

Answer: (d)

30. Which among the following Mughal Emperor was illiterate?

(a) Shah Jahan

(b) Aurangzeb

(c) Akbar

(d) Jahangir

Answer: (c)

31. Where was the 'Azad Hind Fauj' founded?
    (a) Singapore
    (b) Thailand
    (c) Britain
    (d) Italy
    Answer: (a)

32. Strait of Malacca separates which two land masses?
    (a) Malay Peninsula and Indonesian Island of Sumatra
    (b) Africa and Europe
    (c) India and Sri Lanka
    (d) North America and South America
    Answer: (a)

33. The latitude which passes through Sikkim also passes through _____.
    (a) Haryana
    (b) Rajasthan
    (c) Uttarakhand
    (d) Himachal Pradesh
    Answer: (b)

34. Which of the following is not a plant hormone?
    (a) Gibberellic
    (b) Auxins
    (c) Cytokinins
    (d) Thyroxin
    Answer: (d)

35. Nephron is related to which of the following system of human body?
    (a) Circulatory system
    (b) Excretory system
    (c) Reproductive system
    (d) Respiratory system
    Answer: (b)

36. Which Vitamin is obtained from Sun rays?
    (a) Vitamin A
    (b) Vitamin C
    (c) Vitamin K
    (d) Vitamin D
    Answer: (d)

37. Speed of light is maximum in _____.
    (a) vacuum
    (b) solids
    (c) liquids
    (d) gases
    Answer: (a)

38. What is the SI unit of electric current?
    (a) Newton
    (b) Joule
    (c) Ampere
    (d) Watt
    Answer: (c)

39. An IP address is _____ bit number.
    (a) 8
    (b) 32
    (c) 64
    (d) 104
    Answer: (b)

40. Process of loosing electrons is known as _____.
    (a) oxidation
    (b) reduction
    (c) radiation
    (d) both oxidation and reduction
    Answer: (a)

41. Anions are formed by _____.
    (a) losing of electrons
    (b) gaining of electrons
    (c) gaining of neutrons
    (d) losing of neutrons
    Answer: (b)

42. Which among the following is the major cause of acid rain?
    (a) Carbon dioxide
    (b) Carbon monoxide
    (c) Nitrogen dioxide
    (d) Oxygen
    Answer: (c)

43. First state to implement Saur Sujala Yojana is _____.
    (a) Chattisgarh
    (b) Uttaranchal
    (c) Gujarat
    (d) Maharashtra
    Answer: (a)

44. Who is known for the invention of 'World Wide Web'?
    (a) Sir Tim-Berners-Lee
    (b) Maxwell
    (c) Martin Cooper
    (d) S A Forbes
    Answer: (a)

45. B. Sai Praneeth is associated with which of the following sport?
    (a) Hockey
    (b) Badminton
    (c) Chess
    (d) Boxing
    Answer: (b)

46. Which of the following pair is incorrect?
    (a) Muthuswami Dikshitar - Carnatic Music
    (b) Parveen Sultana – Singer
    (c) M.S. Gopalakrishnan – Violinist
    (d) Nandlal Bose – Flute
    Answer: (d)

47. Who among the following is the 2017 Asian Award recipient for the outstanding achievement in Cinema?
    (a) Kunal Nayyar
    (b) Vishal Bhardwaj
    (c) Om Puri
    (d) Zeishan Quadri
    Answer: (a)

48. Who amongst the following is the author of the book "Rekha : The untold story" a biography on a veteran actress Rekha?
    (a) Yasser Usman
    (b) Anand Neelakantan
    (c) Ram Kamal Mukherjee
    (d) K. Vijay Kumar
    Answer: (a)

49. Which among the following country exited from Trans Pacific Partnership (TTP) in Jan 2017 ?
    (a) Japan
    (b) USA
    (c) Mexico
    (d) Brunei

    Answer: (b)

50. Which of the following country doesn't matches to its famous tourist place?
    (a) China – Great Wall of China
    (b) Bhutan – Paro Taktsang
    (c) Nepal – Pashupatinath Temple
    (d) Sri Lanka – Padmanabhaswamy Temple

    Answer: (d)

Quantitative Aptitude

51. How many numbers are there from 2000 to 7000 which are both perfect squares and perfect cubes?
    (a) 0
    (b) 1
    (c) 2
    (d) 3

    Answer: (b)

52. 3 men or 4 women can complete a job [illegible] days. 12 men and 16 women will complete the same job in how many days?
    (a) 12
    (b) 14
    (c) 15
    (d) 18

    Answer: (c)

54. After two successive discounts of 20% and 12% an article is sold for Rs 16896. What is the marked price (in Rs) of the article?
    (a) 21500
    (b) 23800
    (c) 22000
    (d) 24000

    Answer: (d)

55. The ratio of speed of three racers is 3 : 4 : 6. What is the ratio of time taken by the three racers to cover the same distance?

(a) 3:4:6

(b) 6:4:3

(c) 4:3:2

(d) 2:3:5

Answer: (c)

56. In a match, average of runs scored by 7 players is 53. If the runs scored by 6 players are 121, 40, 26, 56, 37 and 48, then how many runs did the 7 th player scored?

(a) 26

(b) 37

(c) 43

(d) 48

Answer: (c)

57. Mohit buys an old bicycle for Rs 2700 and spends Rs 500 on its repairs. If he sells the bicycle for Rs 3520, then what is his profit percentage?

(a) 10

(b) 12.5

(c) 15

(d) 20

Answer: (a)

58. If the price of onion increases from Rs [illegible]/kg to [illegible] 36/kg, then by what percentage a household should decrease the consumption of onion so [illegible] expenditure remains same?

(a) 25

(b) 33.33

(c) 50

(d) 20

Answer: (b)

59. A train travels 20% faster than a car. Both start from point A at the same time and reach point B, 180 km away at the same time. On the way the train takes
30 minutes for stopping at the stations. What is the speed (in km/hr) of the train?

(a) 56

(b) 66

(c) 72

(d) 80

Answer: (c)

61. If (x/y)a-4 = (y/x)2a-5, then what is the relation between x and y?
    (a) x > y
    (b) Cannot be determined
    (c) x < y
    (d) x = y
    Answer: (b)

63. If 3a – (3/a) – 3 = 0, then what is the value of a3 – (1/a3) + 2?
    (a) 0
    (b) 2
    (c) 4
    (d) 6
    Answer: (d)

65. In ∆ABC, AD is the median and AD = (1/2)BC. If
    (a) 30
    (b) 40
    (c) 50
    (d) 80
    Answer: (c)

66. Circum-centre of ∆ABC is O. If
    (a) 45
    (b) 65
    (c) 90
    (d) 95
    Answer: (b)

69. What is the simplified value of (cos A + sin A)(cot A + tan A)?
    (a) sec A + cosec A
    (b) sin A + cos A
    (c) tan A + cot A
    (d) sec A – cosec A
    Answer: (a)

71. If 2 cos θ = 2 – sin θ, then what is the value of cos θ?
    (a) 1 or 3/5
    (b) 1 or –1/2
    (c) –1 or–1/2
    (d) –1 or 3/5
    Answer: (a)

72. If the total trade of the country in year 3 was 1183 crore dollars, then what was the difference (in crore dollars) between exports and imports of the country in that year?

(a) 169

(b) 173

(c) 142

(d) 158

Answer: (a)

73. The total trade for Year 2 and Year 4 is same. If exports of Year 4 are 315 crore dollars, then what are the imports (in crore dollars) of Year 2?

(a) 306.4

(b) 309.8

(c) 323.7

(d) 318.5

Answer: (d)

74. Total trade of Year 1 is twice of the total trade of Year 5. If total trade of Year 1 is 5700 crore dollars, then what is the difference (in crore dollars) in exports of Year 1 and Year 5?

(a) 1835

(b) 1632

(c) 1368

(d) 1423

Answer: (b)

75. The total trade of 5 years is 3800, 3600, 3800, [illegible]00 and 5000 crore dollars respectively. What is the difference (in crore dollars) in the average exports and average imports respectively?

(a) 60

(b) −60

(c) −90

(d) 120

Answer: (a)

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'. On Sundays (1)/ I prefer reading (2)/ than going out visiting my friends. (3)/ No Error (4)

(a) 1

(b) 2

(c) 3

(d) 4

Answer: (c)

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'. Rohit is two year (1)/ junior than Mukesh (2)/ in the office. (3)/ No Error (4)

(a) 1

(b) 2

(c) 3

(d) 4

Answer: (b)

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. God is _____.

(a) immanent

(b) mortal

(c) imminent

(d) deference

Answer: (a)

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. Riya _____ her matriculation examination in 2016.

(a) completed

(b) passed

(c) obtained

(d) gathered

Answer: (b)

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

(a) Dominate

(b) Distinct

(c) Helpers

(d) Unsteady

Answer: (b)

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

(a) Lay

(b) Climb

(c) Weaken

(d) Void

Answer: (b)

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

(a) Jocular

(b) Whimsical

(c) Flippant

(d) Solemn

Answer: (d)

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

(a) Sanctify

(b) Profane

(c) Befoul

(d) Defile

Answer: (a)

84. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/Phrase. Will-o-the wisp

(a) Something that is impossible to get or achieve.

(b) To keep off an unwanted and undesirable person.

(c) To spend recklessly.

(d) Accept or leave the offer.

Answer: (a)

85. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/Phrase. Through fire and water

(a) To scold someone

(b) To experience many dangers in order to achieve something

(c) To act without restraints

(d) Something which hurts

Answer: (b)

86. Improve the bracketed part of the sentence. We do not (agree on) certain things.

(a) agree to

(b) agree about

(c) agree of

(d) No improvement

Answer: (d)

87. Improve the bracketed part of the sentence. There are two pens here and (either write) well.

(a) either have written

(b) either wrote well

(c) either writes

(d) No improvement

Answer: (c)

88. In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase.
A strong blast of wind.

(a) Implosion

(b) Trickle

(c) Gust

(d) Mantle

Answer: (c)

89. In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase. Phobia of dogs

(a) Orophobia

(b) Cynophobia

(c) Vatrachophobia

(d) Phemophobia

Answer: (b)

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

(a) Bulettin

(b) Barrage

(c) Buoyant

(d) Beginner

Answer: (a)

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

(a) Guidance

(b) Ambassador

(c) Handkercheif

(d) Labourer

Answer: (c)

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. P: He was a funny looking man with a high, bald, done shaped head, a face very small in comparison and a long wavy beard. Q: He didn't work at his trade-a stonecutter, more than what was necessary to keep his wife and three boys alive. R: His unusual features were standing a joke among his friends. S: He was a poor man-an idler.

(a) PRQS

(b) QPSR

(c) RQPS

(d) SRPQ

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. P: When all the credit worthy people were given loans to a logical limit, they ceased to be a part of the market. Q: Even this would have been understandable if it could work as an eye opener. R: Owing to the materialistic culture elsewhere, it was possible to keep selling newer products to the consumers despite having existing ones which served equally well. S: They were lured through advertising and marketing techniques of 'dustbinisation' of the customer; and then finally, once they became ready customers, they were given loans and credits to help them by more and more.

(a) PRQS

(b) RSPQ

(c) QSPR

(d) RPQS

Answer: (b)

94. In the following question, a sentence has been given in Active/Passive voice. Out of four alternatives suggested, select the one which best expresses the same sentence in Passive/Active voice. John was arrested on a charge of murder, but for lack of evidence he was released.

(a) The police arrested John on a charge of murder, but for lack of evidence released him.

(b) John was arrested on a charge of murder but was released for lack of evidence.

(c) The police arrested John on a charge of murder, but for lack of evidence he was released.

(d) John had been arrested on a charge of murder, but for lack of evidence he had been released.

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. He said, "I saw a snake here."

(a) He said that he had seen a snake there.

(b) He said that he saw a snake here.

(c) He said that he saw a snake there.

(d) He said that he had seen a snake.

Answer: (a)

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. Morality is _____ with ethics and symbolises the doctrine of actions right or wrong. Politics is the _____ of expediency and need not always be _____. If something is wrong and _____ expedient, it cannot be _____.

96. Morality is _____ with ethics and symbolises the doctrine of actions right or wrong.

(a) discussed

(b) identified

(c) recognised

(d) rectified

Answer: (b)

97. Politics is the _____ of expediency
    (a) source
    (b) collection
    (c) requirement
    (d) notion
    Answer: (d)

98. and need not always be _____.
    (a) wrong
    (b) right
    (c) neutral
    (d) different
    Answer: (b)

99. If something is wrong and _____ expedient,
    (a) merely
    (b) essentially
    (c) surely
    (d) hardly
    Answer: (a)

100. it cannot be _____.
    (a) justifiable
    (b) relevant
    (c) acquired
    (d) immoral
    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	**(a)**	2	**(c)**	3	**(a)**	4	**(c)**	5	**(b)**	6	**(d)**	7	**(a)**	8	**(a)**
9	**(b)**	10	**(c)**	11	**(a)**	12	**(d)**	13	**(b)**	14	**(d)**	15	**(a)**	18	**(a)**

General Awareness

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

Quantitative Aptitude

51	**(b)**	52	**(c)**	54	**(d)**	55	**(c)**	56	**(c)**	57	**(a)**	58	**(b)**	59	**(c)**
61	**(b)**	63	**(d)**	65	**(c)**	66	**(b)**	69	**(a)**	71	**(a)**	72	**(a)**	73	**(d)**
74	**(b)**	75	**(a)**												

English Comprehension

76	**(c)**	77	**(b)**	78	**(a)**	79	**(b)**	80	**(b)**	81	**(b)**	82	**(d)**	83	**(a)**
84	**(a)**	85	**(b)**	86	**(d)**	87	**(c)**	88	**(c)**	89	**(b)**	90	**(a)**	91	**(c)**
92	**(a)**	93	**(b)**	94	**(a)**	95	**(a)**	96	**(b)**	97	**(d)**	98	**(b)**	99	**(a)**
100	**(d)**														