PREVIOUS YEAR PAPER

SSC CGL 2017 Tier I — 19 August 2017, Shift 2

SSC CGL · 19 August 2017 · Shift 2

80 of the paper's 87 questions · +2 for a correct answer, −0.5 for a wrong one · 60 minutes

Left out of the original paper: 7 (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 19 August 2017, Shift 2. 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-1-19-aug-shift-2/

General Intelligence and Reasoning

1. Select the odd word from the given alternatives.
   (a) Football
   (b) Basketball
   (c) Cricket ball
   (d) Volleyball

   Answer: (c)

2. Select the odd letters from the given alternatives.
   (a) USQ
   (b) OMK
   (c) IGE
   (d) VUT

   Answer: (d)

3. Select the odd number from the given alternatives.
   (a) 110
   (b) 140
   (c) 154
   (d) 198

   Answer: (b)

4. A series is given, with one word missing. Choose the correct alternative from the given ones that will complete the series. cry, dome, super, random, ?
   (a) reflex
   (b) done
   (c) formula
   (d) classify

   Answer: (c)

5. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series. OXXXXX, XXXXO, OXXX, XXO, OX, ?

(a) X

(b) XO

(c) OO

(d) O

Answer: (d)

6. A series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series. 1.5, 9/4, 3, ? , 4.5, 21/4

(a) 15/4

(b) 7/2

(c) 8

(d) 9

Answer: (a)

8. The weights of 4 boxes are 30, 20, 50 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) 200

(b) 190

(c) 140

(d) 160

Answer: (a)

9. From the given words, select the word which cannot be formed using the letters of the given word. SCALDING

(a) DICES

(b) SNAIL

(c) ALIGN

(d) CLANG

Answer: (a)

10. If OUTLINE is coded as QWVNKPG, then how will MAN be coded as?

(a) FVQ

(b) RNE

(c) OCP

(d) RKX

Answer: (c)

11. In a certain code language, '+' represents 'x', '-' represents '+', 'x' represents '÷' and '÷' represents '-'. What is the answer to the following question? 50 + 3 ÷ 125 x 5 - 25 = ?

(a) 31

(b) 17

(c) 150

(d) 55

Answer: (c)

13. A and B start from the same point. A cycles 8 km South, then turns to her right and cycles 5 km. B cycles 3 km North, then turns West and cycles 5 km, then turns to her left and cycles 4 km. Where is B with respect to A now?

(a) 7 km North

(b) 7 km South

(c) 15 km North

(d) 15 km South

Answer: (a)

17. In India the reform policies were first introduced in which year?

(a) 1951

(b) 1971

(c) 1991

(d) 2001

Answer: (c)

18. The _____ of a firm is a relationship between inputs used and output produced by the firm.

(a) Marginal product

(b) Production function

(c) Total product

(d) Average product

Answer: (b)

19. _____ means that the President of India can refer any matter that is of public importance or that which involves interpretation of Constitution to Supreme Court for advice.

(a) Original Jurisdiction

(b) Writ Jurisdiction

(c) Appellate Jurisdiction

(d) Advisory Jurisdiction

Answer: (d)

20. There are total _____ parliamentary seats (Rajya Sabha constituency) in Tripura.

(a) 7

(b) 1

(c) 18

(d) 10

Answer: (b)

21. During their rule the British persuaded or forced cultivators in Assam to grow _____.
    (a) Jute
    (b) Tea
    (c) Sugarcane
    (d) Wheat

    Answer: (b)

22. The Chola kingdom mostly ruled which region of India?
    (a) East
    (b) West
    (c) North
    (d) South

    Answer: (d)

23. In due course of time the meander loop cuts off from the river and forms a cut-off lake, also called an _____ lake.
    (a) ox-bow
    (b) oasis
    (c) lagoon
    (d) tectonic

    Answer: (a)

24. The oceanic crust mainly consists of silica and _ _____.
    (a) magnesium
    (b) iron
    (c) manganese
    (d) sulphur

    Answer: (a)

25. Order Primata comprising monkey, gorilla and gibbon is placed in class Mammalia along with order Carnivora that includes?
    (a) Giraffe, Camels and Elephants
    (b) Crocodile, Lizard and Snake
    (c) Lion, Leopard and Tiger
    (d) Tiger, Cats and Dogs

    Answer: (d)

General Awareness

26. In roots, the protoxylem lies towards periphery and metaxylem lies towards the centre. Such arrangement of primary xylem is called _____.

(a) Xylem fibres

(b) Xylem parenchyma

(c) Exarch

(d) Endarch

Answer: (c)

27. Which is the only one example of Mollusca Phylum?

(a) Locust

(b) Butterfly

(c) Scorpion

(d) Octopus

Answer: (d)

28. If the speed of an object moving along a straight line keeps changing, its motion is said to be _____.

(a) Uniform

(b) Periodic

(c) Circular

(d) Non-uniform

Answer: (d)

29. The substances which reduce friction are called _____.

(a) irregularities

(b) lubricants

(c) adhesives

(d) viscous

Answer: (b)

30. Notepad' is a text editor in which of the following operating systems?

(a) Windows

(b) Google Chrome

(c) Mozilla Firefox

(d) Macintosh

Answer: (a)

31. Magnesium oxide (MgO) + Water (H2O) = ?

(a) [Mg(OH)]

(b) [Mg2(OH)]

(c) [Mg(O2H)2]

(d) [Mg(OH)2]

Answer: (d)

32. What is the unit of calorific value?
(a) kN/kg
(b) kJ/kg
(c) kW/sec
(d) kCal/sec
Answer: (b)

33. According to Central Pollution Control Board (CPCB), particulate size _____ micrometers or less in diameter are responsible for causing the greatest harm to human health.
(a) 0.5
(b) 2.5
(c) 5
(d) 10
Answer: (b)

34. _____ scheme launched by the Central Government is a special social security scheme which includes Pension and Life Insurance.
(a) Deen Dayal Upadhyaya Grameen Kaushalya Yojana
(b) Deendayal Upadhyaya Gram Jyoti Yojana
(c) Mahatma Gandhi Pravasi Suraksha Yojana
(d) Indradanush Scheme
Answer: (c)

35. Who invented Space Pen?
(a) Paul C. Fisher
(b) Rudolf Diesel
(c) Wright Brothers
(d) Alexander Fleming
Answer: (a)

36. Who was the 2015 Men's Rugby World Cup Runner-Up?
(a) New Zealand
(b) South Africa
(c) Australia
(d) England
Answer: (c)

37. Group of Monuments at Hampi was built by?
(a) Harihara and Bukka
(b) Udayin and Shishunaga
(c) Devavarman and Vainya
(d) Maravarman and Sirmara
Answer: (a)

38. Which of the following won the Best Feature Film Award at the 64th National Film Awards held in the year 2017?

(a) Rustom

(b) Kaasav

(c) Dangal

(d) Airlift

Answer: (b)

39. Which of the statements given below are correct? 1. The author of the novel 'Fellside' is Victor LaValle. 2. The author of the novel 'A Head Full of Ghosts' is M.R Carey. 3. The author of the novel 'Brave New World' is Aldous Huxley.

(a) 1 and 2

(b) 2 and 3

(c) 1 and 3

(d) 1, 2 and 3

Answer: (a)

40. Which county was in the first rank in the 2016 Human Development Index published by the United Nations Development Programme?

(a) Norway

(b) Australia

(c) Germany

(d) Denmark

Answer: (a)

41. Name the estuary on the border of India a[illegible]stan?

(a) Daman Creek

(b) Sir Creek

(c) Karwar Creek

(d) Mandovi Creek

Answer: (b)

42. Select the correct option: Convert decimal 101 to binary .

(a) 1101001

(b) 1100111

(c) 1101011

(d) 1100101

Answer: (d)

43. A can paint a house in 42 days and B can do it in 21 days. Along with C, they can finish the job in 7 days only.C alone can do the painting job in how many days, ?

(a) 9

(b) 12

(c) 14

(d) 15

Answer: (c)

44. What is the area (in sq cm) of a circle whose circumference is 26.4 cm?

(a) 55.44

(b) 44.55

(c) 33.44

(d) 44.33

Answer: (a)

45. The cost price of an article is x. It is marked up by 120%. It is sold at Rs 8800 after giving 20% discount. What is the value (in Rs) of x?

(a) 7680

(b) 6000

(c) 6680

(d) 5000

Answer: (d)

46. A bag has Rs 43 in the form of 5-rupee, 50-paise and 10-paise coins in the ratio of 1:5:11. What is the total number of 50-paise coins?

(a) 5

(b) 25

(c) 55

(d) 50

Answer: (b)

48. A milkman buys milk at Rs 24 per litre. He adds 1/5 of water to it and sells the mixture at Rs 32 per litre. What will be his gain (in %)?

(a) 50

(b) 40

(c) 30

(d) 60

Answer: (d)

49. When a number is increased by 105, it becomes 135% of itself. What is the number?

(a) 450

(b) 300

(c) 600

(d) 400

Answer: (b)

50. Two cyclists P and Q cycle at 20 km/hr and 16 km/hr towards each other respectively. What was the distance (in kms) between them when they started if they met after 40 minutes?

(a) 36

(b) 30

(c) 25

(d) 24

Answer: (d)

Quantitative Aptitude

51. If the amount received at 10% per annum Compound interest after 3 yrs is Rs 19965, then what will have been the principal (in Rs) amount?

(a) 16000

(b) 15000

(c) 17000

(d) 18000

Answer: (b)

52. If 8x/3 + [7(5 - 2x/3)]/2 = 1/2 , then what is the value of x?

(a) -17

(b) 51

(c) -51

(d) 17

Answer: (c)

53. If a - b = -1 and ab = 6, then what is the va[illegible] a3 - b3?

(a) 33

(b) -19

(c) 18

(d) 35

Answer: (b)

54. The sum of a fraction and 3 times its reciprocal is 31/6. What is the fraction?

(a) 2/9

(b) 9/2

(c) 5/4

(d) 4/5

Answer: (b)

55. The 2nd and 8th term of an arithmetic progression are 17 and -1 respectively. What is the 14th term?

(a) -22

(b) -25

(c) -19

(d) -28

Answer: (c)

56. What is the reflection of the point (2, 3) in the line y = 4?

(a) (2, 5)

(b) (2, -5)

(c) (-2, -5)

(d) (-2, 5)

Answer: (a)

57. Point P (-2, 5) is the midpoint of segment AB. Co-ordinates of A are (-5, y) and B are (x, 3). What is the value of x?

(a) 1

(b) -1

(c) 2

(d) -2

Answer: (a)

58. What is the equation of a line having a slope -1/3 and y-intercept equal to 6?

(a) x + 3y = 18

(b) x - 3y = 6

(c) x + 3y = -18

(d) x - 3y = -6

Answer: (a)

59. ΔABC is right angled at B. BD is its altitude. AD = 4 cm and DC = 12 cm. What is the value of AB (in cm)?

(a) 9

(b) 10

(c) 6

(d) 8

Answer: (d)

60. What is the value of Sin 60° + (1/2)Cosec 45°?

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

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

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

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

Answer: (d)

61. Δ LMN is right angled at M. If m ∠N = 45o. What is the length (in cm) of MN, if NL = 6√2 cm?

(a) 3

(b) 4

(c) 2

(d) 6

Answer: (d)

63. 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'. He was going to (1)/ like the clothes she (2)/ bought of the trip. (3)/No Error (4)

(a) 1

(b) 2

(c) 3

(d) 4

Answer: (c)

64. 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'. "You didn't answer my (1)/ question," he said, (2)/ stepping to her. (3)/No Error (4)

(a) 1

(b) 2

(c) 3

(d) 4

Answer: (c)

65. 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. After missing four days of school due to a _____ of flu, Babita struggled to make up for her missing work.

(a) bout

(b) about

(c) amount

(d) array

Answer: (a)

66. 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. The company refunded the customer's money in _____ with the laws.

(a) according

(b) accordingly

(c) accordance

(d) accord

Answer: (c)

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

(a) Neglectful

(b) Aloof

(c) Sympathetic

(d) suppressive

Answer: (c)

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

(a) Inception

(b) Ensuing

(c) Dawn

(d) Creation

Answer: (b)

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

(a) Avaricious

(b) Chintzy

(c) Frugal

(d) Lavish

Answer: (d)

70. In the following question, out of the four alternatives, select the word opposite in meaning to the word given. To filch

(a) To smuggle

(b) To appropriate

(c) To encroach

(d) To philanthropy

Answer: (d)

71. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase. In black and white

(a) Be colour blind

(b) Not able to appreciate the finer things in life

(c) Be excessively prejudiced against something or someone

(d) A very clear choice that causes no confusion

Answer: (d)

72. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase. Out of date

(a) Not have time; very busy

(b) Not stick to the schedule

(c) Fail to find a partner

(d) Old-fashioned

Answer: (d)

73. 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". There's nothing wrong with (having to) a different opinion.

(a) have to

(b) has to

(c) having

(d) no improvement

Answer: (c)

74. 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". It has (being) too dangerous for too many people.

(a) to be

(b) become

(c) be

(d) no improvement

Answer: (b)

75. In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence. Conformity to facts

(a) Veracity

(b) Deceit

(c) Hypothesis

(d) Theory

Answer: (a)

English Comprehension

76. In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence. Search for and collect anything usable from discarded waste

(a) Scavenge

(b) Disperse

(c) Dissipate

(d) Scatter

Answer: (a)

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

(a) Extrution

(b) Extrusion

(c) Extrosion

(d) Extrotion

Answer: (b)

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

(a) Reterate

(b) Reiterate

(c) Reiterete

(d) Reterete

Answer: (b)

79. 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. Then the gigantic figure X-alarming spectacle Y-slipped off the tree and stood Z-up before us, a truly

(a) YZX

(b) YXZ

(c) XZY

(d) XYZ

Answer: (a)

80. 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. We admit as much X-that it is related to the body Y-when we say that the mind Z-is immaterial, and yet hold

(a) YXZ

(b) XZY

(c) YZX

(d) XYZ

Answer: (c)

81. 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. No one responded to my online ad.

(a) My online ad was not responded to by anyone.

(b) My online ad is not responded to by anyone.

(c) Response by no one was given to my online ad.

(d) Response by no one is given to my online ad.

Answer: (a)

82. 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. Ajay said to my sister, "It's wonderful!"

(a) Ajay tells my sister that it's wonderful.

(b) Ajay tells to my sister that it was wonderful.

(c) Ajay told my sister that it was wonderful.

(d) Ajay told to my sister that it's being wonderful.

Answer: (c)

Passage — for questions 83–87

> 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. For a minute, dispel all the mental images and stereotypes; _____ the jargon of 'opening up,' 'flow,' 'nidra,' and 'balance'. Focus _____ what you need for your body. _____ you aren't sure, begin here — with just one asana. It's one of the basic ones _____ I lead every class with. You can do it as a stand-alone piece _____ begin with it when you're at the gym.

83. mental images and stereotypes; _____ the jargon of 'opening up

(a) forgetful

(b) forget

(c) forgot

(d) forgotten

Answer: (b)

84. Focus _____ what you need for your body.

(a) of

(b) for

(c) off

(d) on

Answer: (d)

85. _____ you aren't sure, begin here — with just one asana.

(a) For

(b) But

(c) If

(d) Whether

Answer: (c)

86. It's one of the basic ones _____ I lead every class with.

(a) this

(b) these

(c) that

(d) those

Answer: (c)

87. stand-alone piece _____ begin with it when you're at the gym.

(a) or

(b) nor

(c) either

(d) neither

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	**(c)**	2	**(d)**	3	**(b)**	4	**(c)**	5	**(d)**	6	**(a)**	8	**(a)**	9	**(a)**
10	**(c)**	11	**(c)**	13	**(a)**	17	**(c)**	18	**(b)**	19	**(d)**	20	**(b)**	21	**(b)**
22	**(d)**	23	**(a)**	24	**(a)**	25	**(d)**								

General Awareness

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

Quantitative Aptitude

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

English Comprehension

76	**(a)**	77	**(b)**	78	**(b)**	79	**(a)**	80	**(c)**	81	**(a)**	82	**(c)**	83	**(b)**
84	**(d)**	85	**(c)**	86	**(c)**	87	**(a)**								