PREVIOUS YEAR PAPER

SSC CGL 2017 Tier I — 22 August 2017, Shift 3

SSC CGL · 22 August 2017 · 4:15 PM - 5:15 PM

86 of the paper's 94 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 22 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-1-22-aug-shift-3/

General Intelligence and Reasoning

1. Select the related word from the given alternatives. Screw : Screw driver :: Nail : ?
   (a) Nail driver
   (b) Polish
   (c) Steel
   (d) Hammer
   Answer: (d)

2. Select the related letters from the given alternatives. ACE : YAC :: BDF : ?
   (a) PRS
   (b) XYA
   (c) ZBD
   (d) FDB
   Answer: (c)

3. Select the related number from the given alternatives. 10 : 1000 :: 2 : ?
   (a) 4
   (b) 0.5
   (c) 20
   (d) 8
   Answer: (d)

4. Select the odd word from the given alternatives.
   (a) Batsman
   (b) Umpire
   (c) Bowler
   (d) Wicket-keeper
   Answer: (b)

5. Select the odd letters from the given alternatives.

(a) CEG

(b) IKM

(c) ORU

(d) VXZ

Answer: (c)

6. Select the odd number from the given alternatives.

(a) 42

(b) 84

(c) 91

(d) 71

Answer: (d)

7. A series is given, with one word missing. Choose the correct alternative from the given ones that will complete the series. nature, ensure, tense, spent, spurn, ?

(a) pushup

(b) thrash

(c) upturn

(d) asset

Answer: (c)

8. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series. R, M, I, F, D, ?

(a) B

(b) C

(c) A

(d) E

Answer: (b)

9. A series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series. -0.5, -0.35, -0.2, -0.05, ? , 0.25

(a) -0.1

(b) 0.1

(c) 0.15

(d) -0.15

Answer: (b)

10. Aayush's birthday is on Monday 22nd May. On what day of the week will be Neerav's Birthday in the same year if Neerav was born on 30th October?

(a) Monday

(b) Wednesday

(c) Friday

(d) Thursday

Answer: (a)

11. The weights of 4 boxes are 90, 30, 20 and 50 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) 190

(b) 170

(c) 100

(d) 150

Answer: (d)

12. From the given words, select the word which cannot be formed using the letters of the given word. INFERNAL
ENROLL NOW
READ THEIR STORIES !

(a) ALIEN

(b) FINAL

(c) LEARN

(d) URINE

Answer: (d)

13. If FLOTSAM is coded as UOLGHZN, then how will PIN be coded as?

(a) KRM

(b) GEH

(c) OBI

(d) DVW

Answer: (a)

14. In a certain code language, '+' represents 'x', '-' represents '+', 'x' represents '÷' and '÷' represents '-'. What is the answer to the following question? 234 x 9 - 12 + 4 = ?

(a) 74

(b) 48

(c) 94

(d) 82

Answer: (a)

15. If 23$35 = 13, 3$5 = 8 then what is the value of 4$13 = ?

(a) 8

(b) 14

(c) 6

(d) 49

Answer: (a)

17. A migrating bird flies 40 km North, then turns East and flies 50 km, then turns North and flies 110 km, and turns to its left and flies 50 km. Where is it now with reference to its starting position?

(a) 150 km South

(b) 150 km North

(c) 70 km North

(d) 70 km South

Answer: (b)

24. The _____ balance is equal to capital flows from the rest of the world, minus capital flows to the rest of the world.

(a) Current Account

(b) Savings Account

(c) Capital Account

(d) Asset Account

Answer: (c)

25. If a consumer's demand for a good moves in the same direction as the consumer's income, the consumer's demand for that good must be inversely related to the price of the good is called _____.

(a) Law of demand

(b) Law of supply

(c) Law of substitution

(d) Law of optimal choice

Answer: (a)

General Awareness

26. "Taxes on agricultural income" is listed in the _____ list given in the Seventh Schedule in the Constitution of India.

(a) Union

(b) State

(c) Global

(d) Concurrent

Answer: (b)

27. _____ approves constitutional amendments.

(a) Rajya Sabha

(b) Ministry of Defence

(c) Prime Minister's Office

(d) Securities and Exchange Board of India

Answer: (a)

28. After the defeat at Plassey, Sirajuddaullah was assassinated and _____ was made the nawab.
    (a) Mir Jafar
    (b) Mir Qasim
    (c) Haider Ali
    (d) Tipu Sultan

    Answer: (a)

29. Sher Shah Sur defeated which Mughal emperor?
    (a) Humayun
    (b) Timur Lang
    (c) Nadir Shah
    (d) Ahmed Shah Abdali

    Answer: (a)

30. As the river approaches the sea, the speed of the flowing water decreases and the river begins to break up into a number of streams called _____.
    (a) Plateau
    (b) Isthmus
    (c) Peninsula
    (d) Distributaries

    Answer: (d)

31. The method of soil conservation in which rocks are piled up to slow down the flow of water which prevents gullies and further soil loss is called
    (a) Mulching
    (b) Contour barriers
    (c) Rock dam
    (d) Terrace farming

    Answer: (c)

32. In females, the uterus is _____.
    (a) Single
    (b) Double
    (c) Triple
    (d) Four

    Answer: (a)

33. Which of the following is not correct?
    (a) Members of Chlorophyceae are commonly called green algae
    (b) Members of Phaeophyceae are commonly called red algae
    (c) Members of Rhodophyceae are commonly called red algae
    (d) Members of Phaeophyceae are commonly called brown algae

    Answer: (b)

34. Adamsia (Sea anemone), Pennatula (Sea-pen) are examples of which Phylum?
    (a) Coelenterata
    (b) Aschelminthes
    (c) Annelida
    (d) Arthropoda
    Answer: (a)

35. If the force applied on the object is in the direction of its motion, the speed of the object _____.
    (a) increases
    (b) stops
    (c) decreases
    (d) no effect
    Answer: (a)

36. The shape of the outer part of the ear is like a _____.
    (a) funnel
    (b) plate
    (c) drum
    (d) disc
    Answer: (a)

37. In Microsoft Excel, the _____() function is used to count the number of cells that contain numbers within the list of arguments.
    (a) COUNTIF
    (b) COUNT
    (c) SUMCOUNT
    (d) COUNTSUM
    Answer: (b)

38. Fabric made from_____ does not get wrinkled easily.
    (a) Cotton
    (b) Flax
    (c) Silk
    (d) Polyester
    Answer: (d)

39. What is formed when Carbon Dioxide is passed through Lime Water?
    (a) Copper Sulphate
    (b) Calcium Carbonate
    (c) Magnesium Oxide
    (d) Baking Soda
    Answer: (b)

40. The salt concentration (measured as salinity in parts per thousand), is greater than _____ % in hypersaline lagoons.

(a) 50

(b) 100

(c) 150

(d) 200

Answer: (b)

41. _____ scheme launched by the Central Government aims to cover all those children by 2020 who are either unvaccinated, or are partially vaccinated against seven vaccine preventable diseases.

(a) Deen Dayal Upadhyaya Grameen Kaushalya Yojana

(b) Deendayal Upadhyaya Gram Jyoti Yojana

(c) Mahatma Gandhi Pravasi Suraksha Yojana

(d) Indradanush Scheme

Answer: (d)

42. Who discovered Penicillin?

(a) Edward Jenner

(b) Niels Bohr

(c) Sir Alexander Fleming

(d) Heinrich Hertz

Answer: (c)

43. Who has won the most number of Gold Medals in Olympics?

(a) Usain Bolt

(b) Katie Ledecky

(c) Michael Phelps

(d) Chen Long

Answer: (c)

44. Gol Gumbaz was built in which century?

(a) 15th

(b) 16th

(c) 17th

(d) 18th

Answer: (c)

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

(a) Sound & Color

(b) 2050

(c) 1989

(d) Beauty Behind the Madness

Answer: (c)

46. Which of the statements given below are correct? 1. The author of the novel 'Atonement' is Ian McEwan. 2. The author of the novel 'The Sound and the Fury' is L. Ron Hubbard. 3. The author of the novel 'White Teeth' is Zadie Smith.

(a) 1 and 2

(b) 2 and 3

(c) 1 and 3

(d) 1, 2 and 3

Answer: (c)

47. Sodimejo, the world's ‘oldest man' died at the age of 146. Which country was he from?

(a) India

(b) Pakistan

(c) Indonesia

(d) Croatia

Answer: (c)

48. Who is the present Secretary General of SAARC?

(a) Tajuddin Ahmed

(b) Mujibur Rehman

(c) Muhammad Mansur Ali

(d) Mr. Amjad Hussain B. Sial

Answer: (d)

49. What is the LCM of 120 and 450?

(a) 2400

(b) 1800

(c) 3600

(d) 4800

Answer: (b)

50. A, B and C can do a job working alone in 6, 9 and 18 days respectively. They all work together for 1 day, then A and B quit. How many days C working alone will take to complete the remainder of the job?

(a) 9

(b) 6

(c) 12

(d) 10

Answer: (c)

Quantitative Aptitude

51. What is the diameter (in cm) of a sphere of surface area 6.16 sq cm?

(a) 1.4

(b) 0.7

(c) 2.8

(d) 2.1

Answer: (a)

52. The discount offered on a Shirt of Rs 500 and a pair of Trousers of Rs 1000 is 20% and 40% respectively. If Ajay bought 2 Shirt and 3 pair of Trousers then what was the effective discount (in %) he recieved?

(a) 30

(b) 32

(c) 25

(d) 35

Answer: (d)

53. If A's wealth is 4/9 times of B's and C's is 7/6 times of B's, what is the ratio of C's wealth to A's?

(a) (8:21)

(b) (21:8)

(c) (27:14)

(d) (14:27)

Answer: (b)

54. The average of four consecutive odd numbers i 0. What is the largest number?

(a) 42

(b) 45

(c) 43

(d) 44

Answer: (c)

55. If a wholesaler, sells a tin of coffee at Rs 528 he faces a loss of 12%. Now if he decides to sell it at Rs 636, what will be the profit (in %)?

(a) 7

(b) 5

(c) 6

(d) 4

Answer: (c)

56. A man wills 40% of his wealth to his wife and rest to his children. What percent of the wealth willed to the wife do the children get?

(a) 150

(b) 66.6

(c) 50

(d) 20

Answer: (a)

57. If a person walks at 12 km/hr instead of 10 km/hr, he would have walked 1 km more in the same time. What is the actual distance (in kms) travelled by him at 10 km/hr in the same time?

(a) 8

(b) 10

(c) 5

(d) 12

Answer: (c)

58. Albert invested an amount of x rupees in a fixed deposit scheme offering 10% per annum for 1st year and 15% per annum for 2nd year and received an amount of Rs 20,240 after the two years. What is x (in Rs)?

(a) 15000

(b) 16000

(c) 14000

(d) 18000

Answer: (b)

59. If 10x/3 + 5/2(2 - x/3) = 7/2, then the value of x is?

(a) 3/5

(b) -5/3

(c) 5/3

(d) -3/5

Answer: (d)

60. If a - b = 2 and ab = 15, then what is the value of a3 - b3?

(a) 152

(b) 112

(c) 108

(d) 98

Answer: (d)

61. The sum of a fraction and 4 times its reciprocal is 13/3. What is the fraction?

(a) 4/3

(b) 3/4

(c) 5/4

(d) 4/5

Answer: (a)

62. The 3rd and 8th term of an arithmetic progression are -14 and 1 respectively. What is the 11th term?

(a) 14

(b) 16

(c) 20

(d) 10

Answer: (d)

63. What is the reflection of the point (5, 3) in the line y = -2?
    (a) (-9 , 3)
    (b) (-5 , -7)
    (c) (-9 , -3)
    (d) (5 , -7)
    Answer: (d)

64. The distance between the points (4, 8) and (k,-4) is 13. What is the value of k?
    (a) 1
    (b) 3
    (c) -1
    (d) -3
    Answer: (c)

65. What is the equation of the line perpendicular to the line 2x + 3y= -6 and having Y-intercept 3?
    (a) 3x - 2y = 6
    (b) 3x - 2y = -6
    (c) 2x - 3y = -6
    (d) 2x - 3y = 6
    Answer: (b)

66. D and E are points on side AB and AC of ΔABC. DE parallel to BC. If AD:DB = 2:3 and area of Δ ADE is 4 sq cm, what is the area (in sq cm) of quadrilateral BDEC.
    (a) 25
    (b) 21
    (c) 5
    (d) 9
    Answer: (b)

67. What is the value of Sin 30o - Cosec 45o?
    (a) (2√6 - 1)/√3
    (b) (1 - 2√3)/2
    (c) (√2 - √3)/√6
    (d) (1 - 2√2)/2
    Answer: (d)

68. Δ LMN is right angled at M. If m∠N = 45°, what is the length of MN (in cm), if NL = 9√2 cm?
    (a) 9√2
    (b) 9/√2
    (c) 18
    (d) 9
    Answer: (d)

70. 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'. Freedom fighters laboured (1)/ to the good of (2)/the poor enslaved masses.(3)/No Error (4)

(a) 1

(b) 2

(c) 3

(d) 4

Answer: (b)

71. 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'. Father was upset (1)/when he found that (2)/you are not there.(3)/No Error (4)

(a) 1

(b) 2

(c) 3

(d) 4

Answer: (c)

72. 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. To ensure a _____ reply, please include all pertinent details in your email.

(a) prompt

(b) efficient

(c) tardy

(d) strange

Answer: (a)

73. 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 survey provided the company with a wide _____ of feedback on its products.

(a) spectrum

(b) option

(c) choices

(d) colours

Answer: (a)

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

(a) Surrender

(b) Construct

(c) Damage

(d) Liberate

Answer: (c)

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

(a) Repulse

(b) Enthrall

(c) Offend

(d) Depress

Answer: (b)

English Comprehension

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

(a) Deduction

(b) Bonus

(c) Increase

(d) Remission

Answer: (c)

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

(a) Admonition

(b) Censure

(c) Scold

(d) Flattery

Answer: (d)

78. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase. Achilles' heel

(a) A fatal weakness in spite of overall strength.

(b) A secret weapon to be used as a last resort.

(c) A past deed which one is trying to hide.

(d) The person who is blamed if anything goes wrong.

Answer: (a)

79. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase. Beat around the bush

(a) To treat a topic, but omit its main points, often intentionally.

(b) Talk bad about a person, often in the absence of that person.

(c) Spend a fun jovial time.

(d) It is wise to ignore hardships and continue with your task.

Answer: (a)

80. 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". As long as we are in this historical city let us spend our time (doing sightseeing).

(a) to sightsee

(b) sightsee

(c) sightseeing

(d) no improvement

Answer: (c)

81. 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". He proposed (meets) me at the temple.

(a) for meeting

(b) to meet

(c) meeting with

(d) no improvement

Answer: (b)

82. In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence. Irritating inconvenience

(a) Tranquillity

(b) Hassle

(c) Harmony

(d) Rectitude

Answer: (b)

83. In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence. A punishment imposed for breaking a law, rule, or contract.

(a) Penalty

(b) Reprieve

(c) Grace

(d) Amnesty

Answer: (a)

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

(a) atrocias

(b) atrocious

(c) atroceous

(d) atroacious

Answer: (b)

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

(a) curvacias

(b) curvaceous

(c) curvaceuse

(d) curveaceous

Answer: (b)

86. 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. Now I just have to keep my X-place and not let that scrawny Y-guy with gelled Z-hair edge in front of me

(a) YZX

(b) XYZ

(c) ZXY

(d) XZY

Answer: (b)

87. 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 idea of a standard time X-lives that we often take it for Y-zone has become so integral to our Z-granted and assume it to be a part of natural phenomena

(a) ZYX

(b) XYZ

(c) YZX

(d) YXZ

Answer: (d)

88. 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. Varun ate six rotis at dinner.

(a) At dinner, six rotis was ate by Varun.

(b) At dinner, six rotis were eaten by Varun.

(c) At dinner, Varun had eaten six rotis.

(d) At dinner, had Varun eaten six rotis.

Answer: (b)

89. 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. "What is your name?" she asked him.

(a) She asked him what his name is.

(b) She asked him what his name has been.

(c) She asked him what is his name.

(d) She asked him what his name was.

Answer: (d)

Passage — for questions 90–94

> 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. Raising effective primary and district-level coverage of mental health services for the general population, without requiring people to travel long distances to see a specialist and get medicines, should be a priority. _____ the base of psychiatrists is low in relation to the need, the use of trained general practitioners as the first line of contact assumes importance. Some studies show many of them are not confident _____ with their training to detect, diagnose and manage mental illnesses. _____ a concerted effort, primary care physicians can be trained to help people with mild and severe problems, _____ from anxiety disorders to depression, psychoses and conditions arising from alcohol and substance _____.

90. _____ the base of psychiatrists is low in relation to the need
    (a) Since
    (b) Why
    (c) As soon as
    (d) Where
    Answer: (a)

91. many of them are not confident _____ with their training
    (a) lot
    (b) enough
    (c) very
    (d) much
    Answer: (b)

92. _____ a concerted effort, prima[illegible]ysicians can be trained
    (a) To
    (b) For
    (c) But
    (d) With
    Answer: (d)

93. severe problems, _____ from anxiety disorders to depression
    (a) ranging
    (b) coming
    (c) distancing
    (d) longing
    Answer: (a)

94. psychoses and conditions arising from alcohol and substance _____.
    (a) abuse
    (b) eating
    (c) sale
    (d) withdrawal
    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	**(c)**	3	**(d)**	4	**(b)**	5	**(c)**	6	**(d)**	7	**(c)**	8	**(b)**
9	**(b)**	10	**(a)**	11	**(d)**	12	**(d)**	13	**(a)**	14	**(a)**	15	**(a)**	17	**(b)**
24	**(c)**	25	**(a)**												

General Awareness

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

Quantitative Aptitude

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

English Comprehension

76	**(c)**	77	**(d)**	78	**(a)**	79	**(a)**	[illegible]	**(c)**	81	**(b)**	82	**(b)**	83	**(a)**
84	**(b)**	85	**(b)**	86	**(b)**	87	**(d)**	[illegible]	**(b)**	89	**(d)**	90	**(a)**	91	**(b)**
92	**(d)**	93	**(a)**	94	**(a)**										