PREVIOUS YEAR PAPER

SSC CGL 2017 Tier I — 22 August 2017, Shift 1

SSC CGL · 22 August 2017 · Shift 1

84 of the paper's 92 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, Shift 1. 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-1/

General Intelligence and Reasoning

1. Select the odd word from the given alternatives.
   (a) Moon
   (b) Mars
   (c) Saturn
   (d) Pluto

   Answer: (a)

2. Select the odd letters from the given alternatives.
   (a) DFH
   (b) KMO
   (c) QTW
   (d) SUW

   Answer: (c)

3. Select the odd number from the given alternatives.
   (a) 25
   (b) 49
   (c) 9
   (d) 8

   Answer: (d)

4. A series is given, with one word missing. Choose the correct alternative from the given ones that will complete the series. Good, Odour, Urban, Anthem, ?
   (a) Anthill
   (b) Empathy
   (c) Europe
   (d) Goose

   Answer: (b)

5. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series. DFE, HJI, LNM, PRQ, ?

(a) STU

(b) TVU

(c) UVW

(d) RST

Answer: (b)

6. A series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series. 1/4, 0.65, ?, 29/20, 1.85

(a) 1.1

(b) 21/20

(c) 19/20

(d) 1.2

Answer: (b)

7. Priya's birthday is on Tuesday 11th April. On what day of the week will be Rani's Birthday in the same year if Rani was born on 31st August?

(a) Monday

(b) Wednesday

(c) Tuesday

(d) Thursday

Answer: (d)

8. The weights of 4 boxes are 20, 40, 60 and 80 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) 150

(b) 170

(c) 120

(d) 160

Answer: (d)

9. From the given alternative words, select the word which cannot be formed using the letters of the given word: DYNAMITE
ENROLL NOW
READ THEIR STORIES !

(a) ENMITY

(b) ANYTIME

(c) NAMES

(d) DAINTY

Answer: (c)

10. If EXPLAIN is coded as BUMIXFK, then how will GYM be coded as?

(a) YHN

(b) UJM

(c) DVJ

(d) IKL

Answer: (c)

11. In a certain code language, '+' represents 'x', '-' represents '+', 'x' represents '÷' and '÷' represents '-'. What is the answer to the following question? 825 x 25 - 27 ÷ 10 = ?

(a) 100

(b) 50

(c) 25

(d) 20

Answer: (b)

12. If 9×3=3; 15×3=5; 60×5=12; then what is the value of 27×3 = ?

(a) 30

(b) 9

(c) 3

(d) 6

Answer: (b)

14. A woman walks 3 km North, then turns West and walks 4 km, then turns South and walks 7 km, then turns to her left and walks 4 km. Where is she now with reference to her starting position?

(a) 10 Kms South

(b) 4 Kms North

(c) 10 Kms North

(d) 4 Kms South

Answer: (d)

15. In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements. Statement 1 : Some apples are red. Statement 2 : All red are oranges. Conclusion I : No oranges are apples. Conclusion II : Some apples are oranges.

(a) Only conclusion I follows

(b) Only conclusion II follows

(c) Both I and II follow

(d) Neither I nor II follows

Answer: (b)

22. The _____ balance is the sum of the balance of merchandise trade, services and net transfers received from the rest of the world.

(a) Current Account

(b) Savings Account

(c) Capital Account

(d) Asset Account

Answer: (a)

23. The relation between the consumer's optimal choice of the quantity of a good and its price is very important and this relation is called the _____ function.

(a) Price

(b) Substitution

(c) Supply

(d) Demand

Answer: (d)

24. "Reserve Bank of India" is listed in the _____ list given in the Seventh Schedule in the Constitution of India.

(a) Union

(b) State

(c) Global

(d) Concurrent

Answer: (a)

25. _____ can give the Union parliament power to make laws on matters included in the State list.

(a) Ministry of Defence

(b) Prime Minister's Office

(c) Securities and Exchange Board of India

(d) Rajya Sabha

Answer: (d)

General Awareness

26. According to the categories of land mentioned in the Chola inscriptions _____ was known as the land of non-Brahmana peasant proprietors?

(a) Vellanvagai

(b) Brahmadeya

(c) Shalabhoga

(d) Devadana

Answer: (a)

27. Sher Khan defeated _____ at Chausa (1539) and Kanauj (1540), forcing him to flee to Iran.

(a) Aurangzeb

(b) Humayun

(c) Muhammad Azam Shah

(d) Bahadur Shah I

Answer: (b)

28. Around how much percent of earth's surface is covered with water?

(a) 20-25%

(b) 40-50%

(c) 70-80%

(d) 55-60%

Answer: (c)

29. The method of soil conservation in which ploughing is done parallel to the contours of a hill slope to form a natural barrier for water to flow down the slop is called?

(a) Mulching

(b) Contour barriers

(c) Contour ploughing

(d) Terrace farming

Answer: (c)

30. In females, the ovaries are located _____ on each side of the lower abdomen.

(a) One

(b) Two

(c) Three

(d) Four

Answer: (a)

31. Through photosynthesis at least a half of the total carbon dioxide fixation on earth is carried out by?

(a) Pteridophytes

(b) Bryophytes

(c) Algae

(d) Gymnosperms

Answer: (c)

32. Locust, Butterfly, Scorpion and Prawn are all examples of which Phylum?

(a) Annelida

(b) Chordata

(c) Arthropoda

(d) Platyhelminthes

Answer: (c)

33. If an object moves in a circular path with uniform _____, its motion is called uniform circular motion.
    (a) speed
    (b) Time
    (c) Velocity
    (d) Acceleration
    Answer: (a)

34. The reflection formed by the plane mirror is _____.
    (a) vertical inversion
    (b) a real image
    (c) lateral inversion
    (d) an enlarged image
    Answer: (c)

35. In Microsoft Excel, the _____() function is used to count the number of cells within a range that meet the given criteria.
    (a) COUNTIF
    (b) COUNT
    (c) SUMCOUNT
    (d) COUNTSUM
    Answer: (a)

36. Crystallisation is an example of?
    (a) Physical Change
    (b) Chemical Change
    (c) Chemical Reaction
    (d) Galvanisation
    Answer: (a)

37. Vinegar and Baking Soda together produce _____.
    (a) Copper
    (b) Carbon Dioxide
    (c) Copper Sulphate
    (d) Magnesium Oxide
    Answer: (b)

38. The salt concentration (measured as salinity in parts per thousand), is _____ % in sea.
    (a) 10-20
    (b) 30-35
    (c) 40-50
    (d) 60-70
    Answer: (b)

39. _____ scheme launched by the Central Government aims at development of rural growth clusters which have latent potential for growth.

(a) Soil Health Card

(b) Shyama Prasad Mukherji Rurban Mission

(c) Pradhan Mantri Fasal Bima Yojana

(d) National RU URBAN Mission

Answer: (b)

40. Who discovered Neon?

(a) Robert Noyce

(b) Enrico Fermi

(c) Morris W. Travers and William Ramsay

(d) Antonio de Ulloa and Charles Wood

Answer: (c)

41. Which nation(s) will host the Men's Cricket World Cup to be held in the year 2019?

(a) West Indies

(b) Australia and New Zealand

(c) England and Wales

(d) India and Pakistan

Answer: (c)

42. Gol Gumbaz is located in?

(a) Kerala

(b) Gujarat

(c) Rajasthan

(d) Karnataka

Answer: (d)

43. Which of the following is the second highest civilian award of India given for exceptional and distinguished service in any field including service rendered by the government servants?

(a) Padma Bhushan

(b) Param Vir Chakra

(c) Padma Vibhushan

(d) Bharat Ratna

Answer: (c)

44. Which of the statements given below are correct? 1. The author of the novel 'Ancillary Justice' is Charles Stross. 2. The author of the novel 'Air' is Ann Leckie. 3. The author of the novel 'Mission Earth' is L. Ron Hubbard.

(a) 1 and 2

(b) 2 and 3

(c) 1 and 3

(d) 1, 2 and 3

Answer: (a)

45. In April 2017, who has been made United Nation's Messenger of Peace?
(a) Scott Kelly
(b) Lang Lang
(c) Malala Yousafzai
(d) Leonardo DiCaprio

Answer: (c)

46. Which of the following countries is not a member of The South Asian Association for Regional Cooperation (SAARC)?
(a) Afghanistan
(b) Pakistan
(c) Maldives
(d) Myanmar

Answer: (d)

47. What is the largest 4 digit number which is exactly divisible by 81?
(a) 9993
(b) 9936
(c) 9918
(d) 9963

Answer: (d)

48. If A and B together do a job in 7.5 days and if A c d do the job in 10 days if he worked alone. How many days would B take to do the job if he wo d alone?
(a) 30
(b) 40
(c) 25
(d) 50

Answer: (a)

49. What is the area (in sq cm) of a rectangle of perimeter 48 cm and breadth 10 cm?
(a) 140
(b) 480
(c) 240
(d) 440

Answer: (a)

50. If the selling price of an item is Rs 1000 after getting a discount of 20%, then what was the marked price (in Rs)?
(a) 1200
(b) 1250
(c) 800
(d) 1400

Answer: (b)

Quantitative Aptitude

51. If A = 2B = 4C; what is the value of A : B : C?

(a) 4 : 2 : 1

(b) 1 : 2 : 4

(c) 8 : 4 : 1

(d) 16 : 4 : 1

Answer: (a)

52. The average cost of 4 items in a shopping list is Rs 1,250. If one more item whose cost is Rs 2,000 is added to the list what will be the new average (in Rs)?

(a) 1100

(b) 1500

(c) 1400

(d) 1250

Answer: (c)

53. If a vendor sells a coconut at Rs 24 he makes 20% loss. If he sells at Rs 36 then what is his profit percentage?

(a) 10

(b) 20

(c) 30

(d) 40

Answer: (b)

54. 20 is 0.25% of?

(a) 10000

(b) 8000

(c) 5000

(d) 2500

Answer: (b)

55. If a taxi going at 40 km/hr takes 25 minutes to travel a certain distance, by how much should it increase its speed (in km/hr) to travel the same distance in 20 minutes?

(a) 50

(b) 5

(c) 25

(d) 10

Answer: (d)

56. If compound interest received on a certain amount in the 3rd year is Rs. 1,240, what will be the compound interest (in Rs) for the 4th year on the same amount at 9% rate of interest?

(a) 1245.6

(b) 1521.6

(c) 1351.6

(d) 1220.6

Answer: (c)

57. If -3/2 + (2/3)(3x + 9) = x/2, then what is the value of x?

(a) -9

(b) 11

(c) 9

(d) -3

Answer: (d)

58. If a - b = 2 and ab = 8, then what is the value of a3 - b3?

(a) 65

(b) 34

(c) 43

(d) 56

Answer: (d)

59. A non-zero number is greater than 7 times its rec ocal by 9.3. What is the number?

(a) 10

(b) 20

(c) 5

(d) 14

Answer: (a)

60. What is the sum of the first 12 terms of an arithmetic progression if the first term is 3 and last term is 47?

(a) 260

(b) 300

(c) 280

(d) 220

Answer: (b)

61. The point P(a, b) is first reflected in origin to P1 and P1 is reflected in Y-axis to (4, -3). What are the co-ordinates of point P?

(a) (4, 3)

(b) (-4, 3)

(c) (3, 4)

(d) (-3, 4)

Answer: (a)

62. In what ratio is the segment joining (-1, 3)and (2,-4) divided by the Y axis?
    (a) 2 : 1
    (b) 1 : 4
    (c) 1 : 2
    (d) 4 : 1
    Answer: (c)

63. What is the slope of the line 2x + 3y = 12?
    (a) 2/3
    (b) 3/2
    (c) -3/2
    (d) -2/3
    Answer: (d)

64. The areas of two similar triangles ΔXYZ and ΔPQR are 100 sq cms and 25 sq cms respectively. If PQ = 4 cm then what is the length of XY (in cm)?
    (a) 16
    (b) 14
    (c) 8
    (d) 20
    Answer: (c)

65. What is the value of Sec 30° + Tan 60°?
    (a) 5/√3
    (b) (√6 + 1)/√3
    (c) (√3 + 2)/√3
    (d) (1 + √3)/2
    Answer: (a)

66. Δ PQR is right angled at Q. If m√R = 30°, then what is the value of Cot P?
    (a) 1/2
    (b) 1/√2
    (c) 1/√3
    (d) 2
    Answer: (c)

68. 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 turned and walked (1)/ away, his head nearly a (2)/ foot up the others. (3)/No Error (4)
    (a) 1
    (b) 2
    (c) 3
    (d) 4
    Answer: (c)

69. 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 parked the (1)/ car front of the house and (2)/ headed down the street. (3)/No Error (4)

(a) 1

(b) 2

(c) 3

(d) 4

Answer: (b)

70. 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. At the meeting, the school counsellor will _____ me on some of my career options.

(a) advise

(b) speak

(c) say

(d) listen

Answer: (a)

71. 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. Boys and girls _____ enjoy playing with the building blocks.

(a) dislike

(b) like

(c) even

(d) alike

Answer: (d)

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

(a) Agglutinate

(b) Blend

(c) Cleavage

(d) Entwine

Answer: (c)

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

(a) Ghastly

(b) Animated

(c) Buoyant

(d) Jaunty

Answer: (a)

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

(a) Dormancy

(b) Quiescence

(c) Latency

(d) Continuation

Answer: (d)

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

(a) Inexperienced

(b) Jejune

(c) Sophisticated

(d) Juvenile

Answer: (c)

English Comprehension

76. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase. Get on the nerves

(a) To be an irritant

(b) To lose confidence

(c) To become very sensitive; cry easily

(d) To become very strong emotionally

Answer: (a)

77. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase. Keep under one's hat

(a) Keep all your wealth in your home

(b) To keep something a secret

(c) Steal and hide something

(d) Take care of somebody else's valuables given to you for safe keeping

Answer: (b)

78. 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". She (had to) four previous solo shows.

(a) has

(b) has had

(c) has been

(d) no improvement

Answer: (b)

79. 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". That must (being) really difficult for you.

(a) has been

(b) have been

(c) been

(d) no improvement

Answer: (b)

80. In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence. Deliberately destroy something for military advantage

(a) Devotion

(b) Fidelity

(c) Sabotage

(d) Ardour

Answer: (c)

81. In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence. The area near or surrounding a particular place

(a) Horizon

(b) Vicinity

(c) Distant

(d) Removed

Answer: (b)

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

(a) illecitly

(b) illicitly

(c) ilicitly

(d) illicitley

Answer: (b)

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

(a) brutalety

(b) brutality

(c) bruttality

(d) bruttalety

Answer: (b)

84. 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 there came faint rays of primrose X-light that changed presently to golden Y-bars, through which the dawn Z-glided out across the desert

(a) ZYX

(b) XYZ

(c) ZXY

(d) YZX

Answer: (b)

85. 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 seemed to them far easier to conceive X-that the water had gone down, than Y-that solid land had risen Z-upward into its present position

(a) XYZ

(b) ZYX

(c) ZXY

(d) YZX

Answer: (a)

86. 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. Gopal ran the marathon in record time.

(a) The marathon was run by Gopal in record time

(b) The marathon is run by Gopal in record time

(c) Gopal in record time run the marathon.

(d) Gopal in record time is running the marathon.

Answer: (a)

87. 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. Father says, "Kashmir is the heaven on earth."

(a) Father said that Kashmir has been the heaven on earth.

(b) Father is saying that Kashmir is the heaven on earth.

(c) Father says that Kashmir is the heaven on earth.

(d) Father says that Kashmir was the heaven on earth.

Answer: (c)

Passage — for questions 88–92

> 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. Everyone expected Mary Zophres to win for her retro-revival Technicolor clothes in La La Land — the eventual winner, Colleen Atwood for Fantastic Beasts and Where to Find Them, seemed surprised too. But as other awards began to slip away from the well-reviewed musical, a theme could be teased out. What is Fantastic Beasts if not a plea for equal treatment of people, magical or otherwise? Then, Arrival, a film about the inherent benignity of aliens (read immigrants) won for Best Sound Editing. Hacksaw Ridge, which is, in a way, an anti-guns movie, won in two categories. Fences, about an African-American father who fears racial discrimination, took home the Oscar for Best Supporting Actress. Earlier, Moonlight, featuring two minority communities (black and gay), won for Best Supporting Actor. This turned out to be one of those years the Oscar voter was underestimated. As a majority of voters are actors, there was the tendency to think they'd reward La La Land, a celebration of creation: the heroine wants to make movies, the hero wants to make jazz. It looked like the year of The Artist all over again.

88. Colleen Atwood won which Award?
    (a) Best Costume Design for La La Land
    (b) Best Supporting Actor for Fantastic Beasts and Where to Find Them
    (c) Best Supporting Actor for La La Land
    (d) Best Costume Design for Fantastic Beasts and Where to Find Them

    Answer: (d)

89. What does the lead female actor in La La Land want to do?
    (a) Make jazz
    (b) Make movies
    (c) Make music
    (d) Make magic

    Answer: (b)

90. Which of the following movies is about kindness of Aliens?
    (a) Hacksaw Ridge
    (b) Arrival
    (c) Fences
    (d) Moonlight

    Answer: (b)

91. Why was it assumed that La La Land would win a lot of awards?
    (a) Because the movie celebrates creation
    (b) Because majority of voters are actors
    (c) Because it is a movie about making movies and jazz
    (d) Because it is a retro-revival Technicolor movie

    Answer: (b)

92. Which movie for sure won two awards?
    (a) Arrival
    (b) Fences
    (c) Moonlight
    (d) Hacksaw Ridge
    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	**(d)**	4	**(b)**	5	**(b)**	6	**(b)**	7	**(d)**	8	**(d)**
9	**(c)**	10	**(c)**	11	**(b)**	12	**(b)**	14	**(d)**	15	**(b)**	22	**(a)**	23	**(d)**
24	**(a)**	25	**(d)**												

General Awareness

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

Quantitative Aptitude

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

English Comprehension

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