

PREVIOUS YEAR PAPER

SSC CGL 2017 Tier I — 22 August 2017, Shift 2

SSC CGL · 22 August 2017 · 1:15 PM - 2:15 PM

86 of the paper's 96 questions · +2 for a correct answer, -0.5 for a wrong one · 60 minutes

10 questions of the original paper are not included: those that need a figure or formatting we cannot show, that have no answer in the response sheet, or that we could not check against a second copy of the paper.

Questions from the Staff Selection Commission's paper of 22 August 2017, 1:15 PM - 2:15 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/previous-year-papers/ssc-cgl-2017-tier-1-22-aug-shift-2/

General Intelligence and Reasoning

1. Select the related word from the given alternatives. Alive : Dead :: Question : ?

- (a) Options
- (b) Answer
- (c) Right
- (d) Ask

Answer: (b)

2. Select the related letters from the given alternatives. CAE : XZV :: JHL : ?

- (a) QSO
- (b) IGK
- (c) PRU
- (d) GEI

Answer: (a)

3. Select the related number from the given alternatives. $2.25 : 13/4 :: 3.75 : ?$

- (a) $17/4$
- (b) $19/4$
- (c) $15/4$
- (d) $11/4$

Answer: (b)

4. Select the odd word from the given alternatives.

- (a) Book
- (b) Tyre
- (c) Bangle
- (d) Compact disk

Answer: (a)

5. Select the odd letters from the given alternatives.

- (a) NML
- (b) EDC
- (c) QRS
- (d) WVU

Answer: (c)

6. Select the odd number from the given alternatives.

- (a) 18
- (b) 45
- (c) 54
- (d) 55

Answer: (d)

7. A series is given, with one word missing. Choose the correct alternative from the given ones that will complete the series. master, ember, bombay, animal, abdomen, ?

- (a) money
- (b) ambush
- (c) deform
- (d) crime

Answer: (c)

8. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series. AbCdE, DeFgH, GhIjK, JkL , ?

- (a) OpQrS
- (b) NoPqR
- (c) MnOpQ
- (d) LmNoP

Answer: (c)

9. A series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series. 4, 5.2, 6.4, ?, 8.8

- (a) 7
- (b) 8
- (c) 7.6
- (d) 8.25

Answer: (c)

10. Bobby's birthday is on Monday 5th June. On what day of the week will be Pinky's Birthday in the same year if Pinky was born on 22nd September?

- (a) Saturday
- (b) Wednesday
- (c) Friday
- (d) Sunday

Answer: (c)

11. The weights of 4 boxes are 10, 40, 50 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) 120
- (b) 100
- (c) 90
- (d) 110

Answer: (d)

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

ENROLL NOW

READ THEIR STORIES !

- (a) BRUTAL
- (b) RELATE
- (c) EARLOBE
- (d) BERATE

Answer: (a)

13. If MARBLES is coded as PDUEOHV, then how will GIN be coded as?

- (a) SEG
- (b) BHU
- (c) WGI
- (d) JLQ

Answer: (d)

14. In a certain code language, '+' represents 'x', '-' represents '+', 'x' represents '÷' and '÷' represents '-'. What is the answer to the following question? $54 \times 9 - 3 \div 4 = ?$

- (a) 10
- (b) 5
- (c) 2
- (d) 8

Answer: (b)

15. If $14 \% 32 = 46$, $52 \% 20 = 72$ then what is the value of $35 \% 14 = ?$

- (a) 39
- (b) 29
- (c) 19
- (d) 49

Answer: (d)

17. Anu and Bittu start from the same point. Anu walks 35 m South, then turns West and walks 15 m, then turns to his right and walks 45 m. At the same time, Bittu walks 25 m North, then turns to his left and walks 15m. Where is Bittu now with respect to the position of Anu?

- (a) Bittu is 95 m to the North of Anu
- (b) Bittu is 15 m to the South of Anu
- (c) Bittu is 15 m to the North of Anu
- (d) Bittu is 95 m to the South of Anu

Answer: (c)

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 sale of alcohol near highways be banned? Argument I : No, people should have freedom to decide as it is their fundamental right. Argument II : Yes, 90% of road accidents involve drivers who are under influence of alcohol.

- (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: (c)

| General Awareness

26. The demand for a normal good decreases with _____ in the consumer's income.

- (a) increase
- (b) decrease
- (c) constant
- (d) double

Answer: (b)

27. Short run marginal cost curve cuts the short run average cost curve from _____ at the minimum point of short run average cost.

- (a) top
- (b) below
- (c) right
- (d) left

Answer: (b)

28. "Naval, military and air force works" 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)

29. There are total _____ parliamentary seats (Lok Sabha constituency) in Uttarakhand.

- (a) 14
- (b) 5
- (c) 80
- (d) 2

Answer: (b)

30. _____ first became the capital of a kingdom under the Tomara Rajputs.

- (a) Delhi
- (b) Pataliputra
- (c) Calcutta
- (d) Taxila

Answer: (a)

31. Noor Jahan was the wife of which Mughal emperor?

- (a) Babur
- (b) Akbar
- (c) Shah Jahan
- (d) Jahangir

Answer: (d)

32. _____ resources are those resources whose quantity is known.

- (a) Natural resources
- (b) Actual resources
- (c) Potential resources
- (d) Abiotic resources

Answer: (b)

33. The main mineral constituents of the continental mass are _____ and alumina.

- (a) iron oxide
- (b) silica
- (c) water
- (d) oxygen

Answer: (b)

34. Among plants, three different genera Solanum, Petunia and Datura are placed in which family?

- (a) Cancidae
- (b) Solanaceae
- (c) Felis
- (d) Felidae

Answer: (b)

35. The members of chlorophyceae are commonly called _____ algae.

- (a) Green
- (b) Brown
- (c) Red
- (d) Yellow

Answer: (a)

36. The body cavity which is lined by mesoderm is called _____.

- (a) Coelom
- (b) Chordata
- (c) Arthropoda
- (d) Platyhelminthes

Answer: (a)

37. Convex and concave mirrors are examples of?

- (a) Plane mirrors
- (b) Spherical mirrors
- (c) Inverted mirror
- (d) Erect mirror

Answer: (b)

38. The frictional force exerted by fluids is also called _____.

- (a) drag
- (b) buoyancy
- (c) upthrust
- (d) convection

Answer: (a)

39. Using _____ one can resize, tag digital images, organise pictures into albums by drag and drop, can export the pictures for external use (by e-mail or print).

- (a) Data Organiser
- (b) Facebook Organiser
- (c) Image Organiser
- (d) Media Organiser

Answer: (c)

40. A change in which one or more new substances are formed is called _____.

- (a) Physical Change
- (b) Chemical Change
- (c) Rusting
- (d) Galvanisation

Answer: (b)

41. The property of metals by which they can be beaten into thin sheets is called _____.

- (a) ductility
- (b) malleability
- (c) viscosity
- (d) tensile strength

Answer: (b)

42. _____ is the number of individuals of the same species that have come into the habitat from elsewhere during the time period under consideration.

- (a) Natality
- (b) Mortality
- (c) Immigration
- (d) Emigration

Answer: (c)

43. _____ scheme by the Central Government states that an insurance of 10 lakhs will cover each passenger traveling by Indian Rail while booking a ticket if an amount of 92paise is paid.

- (a) Gangajal Delivery Scheme
- (b) Mission Bhagiratha In Telangana
- (c) National Apprenticeship Promotion
- (d) Railway Travel Insurance

Answer: (d)

44. Who discovered electricity and invented the lightning rod and bifocals?

- (a) Kirkpatrick Macmillan
- (b) Benjamin Franklin
- (c) William Henry Fox Talbot
- (d) Sir Alexander Fleming

Answer: (b)

45. Which country will be hosting 2018 Men's Hockey World Cup?

- (a) Pakistan
- (b) Malaysia
- (c) Australia
- (d) India

Answer: (d)

46. Who was the architect of Humayun's Tomb?

- (a) Ustad Ahmad of Lahouri
- (b) George Wittet
- (c) Mirak Mirza Ghiyath
- (d) Yaqut of Dabul

Answer: (c)

47. Which of the following award is to recognize distinguished service of a high order to the nation?

- (a) Padma Bhushan
- (b) Param Vir Chakra
- (c) Padma Vibhushan
- (d) Bharat Ratna

Answer: (a)

48. Which of the statements given below are correct? 1. The author of the novel 'A Head Full of Ghosts' is M.R Carey. 2. The author of the novel 'The Cartel' is Don Winslow. 3. The author of the novel 'Dodgers' is Bill Beverly.

- (a) 1 and 2
- (b) 2 and 3
- (c) 1 and 3
- (d) 1, 2 and 3

Answer: (b)

49. In April 2017, Emma Morano, the world's oldest woman has passed away at the age of 117. Which country was she from?

- (a) Italy
- (b) France
- (c) China
- (d) Germany

Answer: (a)

50. Bangladesh does not share its border with which Indian state?

- (a) Assam
- (b) Tripura
- (c) Jharkhand
- (d) Meghalaya

Answer: (c)

Quantitative Aptitude

51. What least number must be subtracted from 210, so that the sum is completely divisible by 11?

- (a) 2
- (b) 3
- (c) 4
- (d) 1

Answer: (d)

52. A can paint a house in 25 days and B can do it in 10 days. Along with C, they did the job in 6.25 days only. Then in how many days, C alone can do the job?

- (a) 50
- (b) 40
- (c) 30
- (d) 60

Answer: (a)

53. What is the area (in sq cm) of a regular hexagon of side 6 cm?

- (a) $27\sqrt{3}$
- (b) $54\sqrt{3}$
- (c) 54
- (d) 27

Answer: (b)

54. If 1 saree is offered free on purchase of 3 sarees, what is the effective discount on each saree?

- (a) 20%
- (b) 30%
- (c) 25%
- (d) 40%

Answer: (c)

55. The ratio of present ages of R and S is 6:7. Before 10 years the ratio of their ages was 9:11. What is R's present age (in years)?

- (a) 56
- (b) 48
- (c) 36
- (d) 44

Answer: (b)

56. The average marks of 10 students in an examination was 25. It was later found that the marks of one student had been wrongly entered as 34 instead of 43. What is the correct average?

- (a) 25.5
- (b) 24.1
- (c) 24.5
- (d) 25.9

Answer: (d)

57. A wholesaler sells a jacket to a retailer at a profit of 25% and the retailer sells it to a customer at a profit of 20%. If the customer pays Rs. 2,400, what had it cost (in Rs) the wholesaler?

- (a) 2000
- (b) 1600
- (c) 1800
- (d) 2250

Answer: (b)

58. When a number is increased by 24, it becomes 104% of itself. What is the number?

- (a) 300
- (b) 100
- (c) 600
- (d) 1200

Answer: (c)

59. If a boat goes a certain distance at 30 km/h and comes back the same distance at 20 km/hr, what is the average speed (in km/hr) for the total journey?

- (a) 25
- (b) 24.5
- (c) 24
- (d) 25.5

Answer: (c)

60. A sum fetched a total simple interest of Rs 1200 at the rate of 7.5%/yr in 4 years. What is the sum (in Rs)?

- (a) 4000
- (b) 6000
- (c) 8000
- (d) 7500

Answer: (a)

61. If $-3[1-(x/2)] + 5x/3 = 1/6$, then what is the value of x ?

- (a) 2
- (b) -1
- (c) 1
- (d) -2

Answer: (c)

62. If $a + b = 3$ and $ab = -4$, then what is the value of $a^3 + b^3$?

- (a) 36
- (b) 63
- (c) 12
- (d) -15

Answer: (b)

63. The sum of a non-zero number and 9 times its reciprocal is 10. What is the number?

- (a) 10
- (b) 11
- (c) 9
- (d) 90

Answer: (c)

64. If the 1st and the 3rd term of an arithmetic progression are -10 and -4, what is the 12th term?

- (a) 26
- (b) 20
- (c) 17
- (d) 23

Answer: (d)

65. What is the reflection of the point (2, -3.5) in the y-axis?

- (a) (-2, 3.5)
- (b) (-2, -3.5)
- (c) (-3.5, -2)
- (d) (3.5, -2)

Answer: (b)

66. Point A divides segment BC in the ratio 1:3. Co-ordinates of B are (4, -4) and C are (0, 6). What are the co-ordinates of point A?

- (a) (-3, 1.5)
- (b) (-1.5, 3)
- (c) (3, -1.5)
- (d) (1.5, 3)

Answer: (c)

67. What is the slope of the line parallel to the line passing through the points (-2, -1) and (4, -3)?

- (a) $1/3$
- (b) $-1/3$
- (c) -3
- (d) 3

Answer: (b)

68. ΔXYZ is similar to ΔPQR . If ratio of perimeters of $\Delta XYZ : \Delta PQR$ is 3:2 and if $PQ = 6$ cm then what is the length of XY (in cm)?

- (a) 4
- (b) 8
- (c) 12
- (d) 9

Answer: (d)

69. $\sec 45^\circ + \tan 30^\circ =$

- (a) $(\sqrt{6} + 1)/\sqrt{3}$
- (b) $(1 + \sqrt{3})/2$
- (c) $(\sqrt{3} + 2)/\sqrt{3}$
- (d) $5/\sqrt{3}$

Answer: (a)

70. ΔDEF is right angled at E. If $m\angle D = 45^\circ$, then $\operatorname{Cosec} F =$

- (a) $1/2$
- (b) $1/\sqrt{2}$
- (c) $\sqrt{2}$
- (d) $1/\sqrt{3}$

Answer: (c)

72. 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'. The sailors divided his (1)/ money around themselves and (2)/ the ship sailed on. (3)/No Error (4)

- (a) 1
- (b) 2
- (c) 3
- (d) 4

Answer: (b)

73. 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'. Thank you for (1)/ getting me (2)/ of the hook. (3)/No Error (4)

- (a) 1
- (b) 2
- (c) 3
- (d) 4

Answer: (c)

74. 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. It took several men to _____ the fallen tree out of our yard.

- (a) erect
- (b) establish
- (c) haul
- (d) rivet

Answer: (c)

75. 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. If you write a forty-page essay in one night, you'll accomplish a huge _____.

- (a) treat
- (b) feat
- (c) fleet
- (d) beat

Answer: (b)

English Comprehension

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

- (a) Gratification
- (b) Luxury
- (c) Thrill
- (d) Gripe

Answer: (d)

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

- (a) Peripheral
- (b) Deadwood
- (c) Trivial
- (d) Precondition

Answer: (d)

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

- (a) Surrender
- (b) Prevail
- (c) Dictate
- (d) Command

Answer: (a)

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

- (a) Frivol
- (b) Dissipate
- (c) Hoard
- (d) Expend

Answer: (c)

80. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase. Go for a song

- (a) One's favourite music
- (b) Happy go lucky attitude
- (c) Sold cheaply
- (d) Something which is prohibitively expensive

Answer: (c)

81. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase. Make an ass out of

- (a) Cause someone or oneself to look foolish or stupid
- (b) Work very hard like a donkey
- (c) Be smart but act dumb
- (d) Make a mistake

Answer: (a)

82. 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". I would love to come to your party! Thank you for (invites) me.

- (a) invited
- (b) invite
- (c) inviting
- (d) no improvement

Answer: (c)

83. 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 must (being) quite an exciting time to be alive.

- (a) has been
- (b) have been
- (c) been
- (d) no improvement

Answer: (b)

84. In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence. Full of twists and turns

- (a) Tortuous
- (b) Smooth
- (c) Cinch
- (d) Fascile

Answer: (a)

85. In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence. The practice of magic

- (a) Palpable
- (b) Witchery
- (c) Substantial
- (d) Corporal

Answer: (b)

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

- (a) andulate
- (b) undulate
- (c) undulete
- (d) andulete

Answer: (b)

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

- (a) revelars
- (b) rewellers
- (c) revellers
- (d) rewelers

Answer: (c)

88. 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 drank a little and flung X-soon were all asleep Y-sand, thoroughly tired out, and Z-ourselves down on the

- (a) ZXY
- (b) YZX
- (c) YXZ
- (d) ZYX

Answer: (d)

89. 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. Aqueous rocks of equal X-exhibit in like manner a stratification nearly undisturbed Y-over the lake-district of North America, and Z-antiquity extend for hundreds of miles

- (a) ZYX
- (b) ZXY
- (c) YZX
- (d) YXZ

Answer: (a)

90. 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. The class is required to watch a video tutorial every day.

- (a) A video tutorial is required to be watched by the class everyday.
- (b) A video tutorial is watched by the class every day.
- (c) Every day the class watches a required video tutorial.
- (d) Every day the class is watching a required video tutorial.

Answer: (a)

91. 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 father says, "Prices are shooting up alarmingly."

- (a) My father says that prices shoot up alarmingly.
- (b) My father says that the price was shooting up alarmingly.
- (c) My father says that prices shot up alarmingly.
- (d) My father said that the prices were shooting up alarmingly.

Answer: (d)

Passage — for questions 92–96

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. Many plays and films have depicted the life story of Gautama Buddha, but what made the musical play *The Way Across* unique was its regional focus. Directed by G. Kumara Swamy, the play adapted from the book *Telangana lo Buddhism* focused on the enlightenment of a cursed Brahmin Bawari and his 16 curious disciples willing to understand the deeper truths of birth, death, rebirth and brotherhood. From the impressive use of projector visuals, music and shadow-play, there was every effort to lend authenticity to the theme. Despite the play's focus on Telangana, the native essence was compromised, due to the English rendition (done for a wider reach). The lines appeared jaded with literal translations. The honest performances from the crew impacted only on a surface-level. Kiran Kumar's Bawari act and Krishna Chaitanya Joshi as Pingiya (said to have propagated Buddhism from Telangana to several regions across South India) grab your attention.

92. What was sacrificed to keep the play in English?

- (a) A wider audience
- (b) Authenticity
- (c) Depiction of reality
- (d) A bit of native essence

Answer: (d)

93. What was unique about the play, '*The Way Across*'?

- (a) Story line
- (b) Regional focus
- (c) It was a musical
- (d) It was in English

Answer: (b)

94. Kiran Kumar played the role of the _____.

- (a) Buddha's disciple
- (b) Gautama Buddha
- (c) Pingiya
- (d) Cursed Brahmin Bawari

Answer: (d)

96. Who directed the play, 'The Way Across'?

- (a) Kiran Kumar
- (b) G. Kumara Swamy
- (c) Chaitanya Joshi
- (d) Bawari

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	(b)	2	(a)	3	(b)	4	(a)	5	(c)	6	(d)	7	(c)	8	(c)
9	(c)	10	(c)	11	(d)	12	(a)	13	(d)	14	(b)	15	(d)	17	(c)
18	(c)														

General Awareness

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

Quantitative Aptitude

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

English Comprehension

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