PREVIOUS YEAR PAPER

SSC CGL 2017 Tier I — 12 August 2017, Shift 2

SSC CGL · 12 August 2017 · Shift 2

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

Left out of the original paper: 9 (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 12 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-1-12-aug-shift-2/

General Intelligence and Reasoning

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

(a) AZF
(b) LOQ
(c) EVK
(d) ZAC

Answer: (d)

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

(a) 41 – 22
(b) 63 – 93
(c) 82 – 44
(d) 83 – 64

Answer: (b)

3. Arrange the given words in the sequence in which they occur in the dictionary. 1. Cadartrally 2. Caddisflies 3. Caducities 4. Caddisworms 5. Cadetships

(a) 12453
(b) 12534
(c) 21345
(d) 45213

Answer: (a)

4. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series. ACE, FHJ, KMO, ?

(a) QRS
(b) PRT
(c) PRU
(d) QRV

Answer: (b)

5. In the following question, select the missing number from the given series. 9, 18, 72, 576, ?

(a) 8116

(b) 8216

(c) 9016

(d) 9216

Answer: (d)

6. Poonam told Akshay that "Yesterday she defeated Akshay's only sister's daughter Sneha in a school Taekwondo competition." How is Akshay related to Sneha?

(a) Grandfather

(b) Father

(c) Cousin

(d) Uncle

Answer: (d)

7. In a row of boys, Tarak is 18th from either end. How many boys are there in the row?

(a) 19

(b) 36

(c) 35

(d) 42

Answer: (c)

8. In the following question, from the given alternativ ords, select the word which cannot be formed using the letters of the given word. ABSOLU

(a) BASE

(b) BOSE

(c) LOSE

(d) SOLVE

Answer: (d)

9. In a certain code language, "OPTIMIST" is written as "LKRNRGHG". How is "PESSIMIST" written in that code language?

(a) HGRNRVKHH

(b) HHRNRVKHG

(c) VKRNRHGHH

(d) KVRNRHHHG

Answer: (d)

10. In the following question, correct the equation by interchanging two signs. 4 – 10 x 5 + 9 ÷ 3 = 51

(a) x and –

(b) ÷ and x

(c) + and –

(d) – and ÷

Answer: (c)

11. If 12 (20) 16 and 21 (35) 28, then what is value of A in 48 (80) A ?
    (a) 50
    (b) 56
    (c) 64
    (d) 72
    Answer: (c)

17. Which among the following is not an instrument of fiscal policy?
    (a) Taxation
    (b) Public expenditure
    (c) Public debt
    (d) Credit Rationing
    Answer: (d)

18. Which of the following equation is/are INCORRECT? I. NI = NDP + Net Foreign Income II. GNP = GDP + Net Foreign Income III. NDP = GNP – Depreciation
    (a) Only (I) and (II)
    (b) Only (III)
    (c) Only (II) and (III)
    (d) Only (II)
    Answer: (b)

19. Comptroller and Auditor General of India is appoi d for how many years?
    (a) 2
    (b) 4
    (c) 6
    (d) 5
    Answer: (c)

20. Who is the custodian of Contingency Fund of India?
    (a) The Prime Minister
    (b) Judge of Supreme Court
    (c) The President
    (d) The Finance Minister
    Answer: (c)

21. Who was the first female emperor of India?
    (a) Noor Jahan
    (b) Razia Sultana
    (c) Rani Rudrama Devi
    (d) Queen Didda
    Answer: (b)

22. Who was the first Governor General of India?
    (a) Lord William Bentick
    (b) Lord Dalhousie
    (c) Lord Cornwallis
    (d) None of these

    Answer: (a)

23. Which of the following planet is also known as 'Earth's twin'?
    (a) Mercury
    (b) Venus
    (c) Jupiter
    (d) Saturn

    Answer: (b)

24. Which of the following imaginary lines join places with same level of rainfalls?
    (a) Contour lines
    (b) Isobaths lines
    (c) Isohyets lines
    (d) Isobar lines

    Answer: (c)

25. What is study of fungus known as?
    (a) Physiology
    (b) Phrenology
    (c) Mycology
    (d) Biology

    Answer: (c)

General Awareness

26. Which of the following bacteria is responsible for the formation of curd?
    (a) Lycopodium
    (b) Yeast
    (c) Lacto-bacillus
    (d) Fungus

    Answer: (c)

27. How many pairs of ribs are there in human body?
    (a) 13
    (b) 11
    (c) 12
    (d) 14

    Answer: (c)

28. When a ball is thrown vertically upwards, which of the following quantities remains constant during its motion?
    (a) Energy
    (b) Displacement
    (c) Velocity
    (d) Acceleration

    Answer: (a)

29. What is the SI unit of heat energy?
    (a) Joule
    (b) Newton
    (c) Calorie
    (d) Kelvin

    Answer: (a)

30. Which system is used by the Digital Computers to encode data and Programs?
    (a) Decimal
    (b) Binary
    (c) Hexa decimal
    (d) Octal

    Answer: (b)

31. What is the common name of Sodium Bicarbonate
    (a) Baking Soda
    (b) Washing Powder
    (c) Plaster of Paris
    (d) Fly Ash

    Answer: (a)

32. Which of the following is an ore of iron?
    (a) Dolomite
    (b) Epsom Salt
    (c) Siderite
    (d) Galena

    Answer: (c)

33. Which of the following has maximum bio-diversity?
    (a) Desert
    (b) River
    (c) Polar Region
    (d) Tropical Region

    Answer: (d)

34. Who will be implementing the Varishtha Pension Bima Yojana scheme during financial year 2017-18?

(a) National Insurance Company Limited

(b) New India Assurance Company Limited

(c) Life Insurance of Corporation of India

(d) SBI Life Insurance Company Limited

Answer: (c)

36. Who amongst the following is a renowned Indian classical dancer?

(a) Palghat Mani Iyer

(b) Madhumati

(c) Sonal Mansingh

(d) Siddheshwari Devi

Answer: (c)

37. Who among the following did not receive the 2016 Arjuna award in the field of 'wrestling'?

(a) Virender Singh

(b) Vinesh Phogat

(c) Amit Kumar

(d) Rajat Chauhan

Answer: (d)

38. Who has written the book 'The Ministry of Utmost Happiness?

(a) Chaitanya Padukone

(b) Amitav Ghosh

(c) Pramod Kapoor

(d) Anundhati Roy

Answer: (d)

39. Which country became seventh member of South Asia Sub regional Economic Cooperation (SASEC) on 31 March 2017?

(a) Myanmar

(b) Bhutan

(c) Nepal

(d) Maldives

Answer: (a)

40. How many Indian states share their boundaries with Nepal?

(a) 3

(b) 4

(c) 8

(d) 5

Answer: (d)

41. Which of the following can't be the unit's digit of a perfect square?

(a) 4

(b) 6

(c) 8

(d) 9

Answer: (c)

42. Amar can complete a work in 30 days and Raman can complete the same work in 15 days. If both of them work together, then in 4 days what percent of the total work will be completed?

(a) 15

(b) 37

(c) 40

(d) 45

Answer: (c)

43. The lengths of two parallel sides of a trapezium are 21 cm and 9 cm. If its height is 10 cm, then what is the area (in cm2) of the trapezium?

(a) 35

(b) 75

(c) 150

(d) 225

Answer: (c)

44. What will be the net discount percentage of three successive discounts of 20%, 10% and 30%?

(a) 45.2

(b) 49.6

(c) 54.6

(d) 50.4

Answer: (b)

45. Three bottles of equal capacity have mixture of milk and water in ratio 5 : 7, 7 : 9 and 2 : 1 respectively. These three bottles are emptied into a large bottle. What is the percentage of milk in the new mixture?

(a) 49.6

(b) 52.3

(c) 51.2

(d) 50.7

Answer: (d)

46. Seven friends spent Rs 14 each on a project and the eighth friend spent Rs 21 more than the average expenditure of all eight of them. What is the amount of total money (in Rs) spent by them?

(a) 133

(b) 136

(c) 141

(d) 155

Answer: (b)

47. A person sold his pen for Rs 24 and his profit percentage was numerically equal to the cost price. What was the cost price (in Rs) of the pen?

(a) 12

(b) 14

(c) 16

(d) 20

Answer: (d)

48. A, B and C are three students. A got 36% less marks than B and 16% more marks than C. If B got 145 marks, then what are the marks got by C?

(a) 120

(b) 110

(c) 80

(d) 75

Answer: (c)

49. After repairing a scooter runs at a speed of 54 km/h and before repairing runs at speed of 48 km/h. It covers a certain distance in 6 hours after repairing. How much time will it take to cover the same distance before repairing?

(a) 6 hours 15 minutes

(b) 6 hours 45 minutes

(c) 7 hours

(d) 7 hours 30 minutes

Answer: (b)

50. If a certain sum of money become thrice of itself in 5 years 4 months at simple interest, then what will be the yearly rate of interest (in %)?

(a) 18.75

(b) 27.5

(c) 37.5

(d) 42.25

Answer: (c)

Quantitative Aptitude

52. If (x/5) + (5/x) = – 2, then what is the value of x3?

(a) –125

(b) 5

(c) 1/125

(d) 625

Answer: (a)

53. In ΔPQR, ∠QPR = 45° and the bisectors of ∠PQR and ∠PRQ meets at O. What is the value (in degrees) of ∠QOR?

(a) 107.5

(b) 112.5

(c) 117.5

(d) 122.5

Answer: (b)

56. 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 reason Priya was late (1)/ to the meeting is because her (2)/ flight was delayed. (3)/ No Error (4)

(a) 1

(b) 2

(c) 3

(d) 4

Answer: (b)

57. 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'. Not only did they offer him (1)/ good salary but provided (2)/ him with a beautiful bungalow. (3)/ No Error (4)

(a) 1

(b) 2

(c) 3

(d) 4

Answer: (b)

58. 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. His father _____ him up in a construction business.

(a) built

(b) hold

(c) keep

(d) set

Answer: (d)

59. 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. I have _____ respect for his achievement.

(a) abundant

(b) profound

(c) strong

(d) unique

Answer: (b)

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

(a) Avoid

(b) Change

(c) Rely

(d) Pride

Answer: (d)

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

(a) Burden

(b) Expect

(c) Hurry

(d) Sight

Answer: (c)

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

(a) Dark

(b) Loud

(c) Rough

(d) Sweet

Answer: (a)

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

(a) Believer

(b) Erroneous

(c) Nervous

(d) Nihilist

Answer: (a)

64. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase. Herculean task

(a) Important task

(b) Motivating

(c) Optional to do

(d) Very difficult task

Answer: (d)

65. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase. On tenterhooks

(a) Flattery

(b) In a disorganized manner

(c) In anxious suspense

(d) Speak quickly

Answer: (c)

66. Improve the bracketed part of the sentence. Neha (would be looked) beautiful in Indian attire.

(a) had looking

(b) was looked

(c) would look

(d) No improvement

Answer: (c)

67. Improve the bracketed part of the sentence. (People have been long known) how important the trees are to them.

(a) People have to know long

(b) People had long known

(c) People have long known

(d) No improvement

Answer: (c)

68. In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase. An associate in crime

(a) Accomplice

(b) Callous

(c) Itinerant

(d) Philistine

Answer: (a)

69. In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase. Man behaving more like a woman than as a man

(a) Biped

(b) Effeminate

(c) Gregarious

(d) Inalienable

Answer: (b)

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

(a) Ecstasy

(b) Profecient

(c) Sacrifice

(d) Temporary

Answer: (b)

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

(a) Familiar

(b) Grammer

(c) Narrator

(d) Operator

Answer: (b)

72. The question below consists of a set of jumbled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph. P- On the earth, liquid forms and solid forms (ice/snow) predominate. Q- The water cycle has two distinct branches the atmospheric branch and the terrestrial branch. R- Water plays a versatile role in the functioning of the biosphere. S- In the atmospheric, water exists mainly in gaseous form.

(a) RSPQ

(b) RQSP

(c) RPSQ

(d) RQPS

Answer: (b)

73. 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- For however elusively, it still knew of harbours and anchors, of homes to which to return, and of barns in which to store the harvest. Q- The works of the early Renaissance and the poetry of Shakespeare vibrate with the compassion for live experience in danger of dying from exposure and neglect. R- Yes, it was a genius of courage, not of desperate audacity. S- In this compassion was the creative genius of the age.

(a) SQRP

(b) PRSQ

(c) QSRP

(d) RSPQ

Answer: (c)

74. 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. Sunita has written a story which fascinates everyone.

(a) A story has been written by Sunita which fascinates every one.

(b) Everyone is fascinated by the story which has been written by Sunita.

(c) Every one fascinates the story which is written by Sunita.

(d) Story written by Sunita fascinates everyone.

Answer: (a)

75. 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. Rajesh ordered his driver to do as he was told.

(a) Rajesh ordered his driver "Do as you are told".

(b) Rajesh said to his driver "Do as I told you".

(c) Rajesh said to his driver "Do as you are told".

(d) Rajesh said to his driver "Do as you were told".

Answer: (c)

English Comprehension

Passage — for questions 76–80

> In the following questions, 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. Management is a set of _____ that can keep a complicated system of people and technology running _____. The most _____ aspects of management include planning, budgeting, organizing, staffing, controlling and problem solving. Leadership is a set of process that creates organization in the first place or adapts, them to _____ changing circumstances. Leadership defines what the future should look like, aligns people with that _____ and inspires them to make it happen despite the obstacles.

76. Management is a set of _____ that can keep a complicated system
(a) instructions
(b) resources
(c) processes
(d) proposals
Answer: (c)

77. of people and technology running _____.
(a) fastly
(b) reliably
(c) smoothly
(d) sharply
Answer: (c)

78. The most _____ aspects of management include planning budgeting, organizing, staffing, controlling and problem solving.
(a) dangerous
(b) difficult
(c) important
(d) terrible
Answer: (c)

79. that creates organization in the first place or adapt them to _____ changing circumstances.
(a) normally
(b) run
(c) show
(d) significantly
Answer: (d)

80. Leadership defines what the future should look like, aligns people with that _____ and inspires them to make it happen despite the obstacles.
(a) look
(b) role
(c) source
(d) vision
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	**(d)**	2	**(b)**	3	**(a)**	4	**(b)**	5	**(d)**	6	**(d)**	7	**(c)**	8	**(d)**
9	**(d)**	10	**(c)**	11	**(c)**	17	**(d)**	18	**(b)**	19	**(c)**	20	**(c)**	21	**(b)**
22	**(a)**	23	**(b)**	24	**(c)**	25	**(c)**								

General Awareness

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

Quantitative Aptitude

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

English Comprehension

76	**(c)**	77	**(c)**	78	**(c)**	79	**(d)**	80	**(d)**