SSC General Duty Constable (GD) 2012 Previous Year Paper

SSC General Duty Constable (GD) • 2012 • 100 questions • 60 minutes • Answer key

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GENERAL INTELLIGENCE AND REASONING

Q1. Directions (Q. Nos. 1-2) Find the odd word/letters/number from the given alternatives.

1.

(a) 432
(b) 583
(c) 693
(d) 671

Q2. Directions (Q. Nos. 1-2) Find the odd word/letters/number from the given alternatives.

2.

(a) 14-49
(b) 16-64
(c) 20-100
(d) 24-121

Q3. Directions (Q. Nos. 3-5) A series is given with one (or more) term missing. Choose the correct alternative from the given ones that will complete the series.

3. D, F, I, M, ?

(a) P
(b) Q
(c) R
(d) T

Q4. Directions (Q. Nos. 3-5) A series is given with one (or more) term missing. Choose the correct alternative from the given ones that will complete the series.

4. AEI, BFJ, CGK, ?

(a) DHL
(b) DLH
(c) EIM
(d) LPT

Q5. Directions (Q. Nos. 3-5) A series is given with one (or more) term missing. Choose the correct alternative from the given ones that will complete the series.

5. 1, 6, 15, ?, 45, 66, 91

(a) 25
(b) 26
(c) 27
(d) 28

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Q6. 6. Find out the wrong number in the series—216, 163, 120, 72, 24

(a) 216
(b) 163
(c) 72
(d) 24

Q7. 7. If 3×2=10, 5×4=18 and 6×5=22, then 7×6=?

(a) 20
(b) 26
(c) 30
(d) 42

Q8. 8. Some equations are solved on the basis of a certain system. Find out the correct answer from amongst the given alternatives for the unsolved equation on that basis.

6×4×3=436; 8×4×1=418; 6×9×8=986; 5×?×8=385

(a) 3
(b) 4
(c) 5
(d) 6

Q9. 9. Substitute the arithmetical signs in place of * in the following equation 7*7*2*1=12

(a) ×, -, +
(b) +, -, ×
(c) ×, +, -
(d) +, ×, -

Q10. 10. If '+' means '÷', '-' means '+', '×' means '-' and '÷' means '×', then 36×12+4÷6+2-3 = ?

(a) 42
(b) 18
(c) 40
(d) 2

Q11. 11. Find out the missing number.

8	**9**	**7**
4	5	6
2	4	?
64	180	294

(a) 6
(b) 7
(c) 8
(d) 9

Q12. 12. If DELHI is coded as 73541 and CALCUTTA as 82589662, how can CALICUT be coded?

(a) 5279431
(b) 5978213
(c) 8251896
(d) 8543691

Q13. 13. Mother was three times the age of her daughter five years ago. After five years, mother will be twice as old as her daughter. How old is the daughter today?

(a) 5 yr
(b) 10 yr
(c) 15 yr

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(d) 20 yr

Q14. 14. Q is the son of P, X is the daughter of Q, R is the aunty (Bua) of X and L is the son of R, then what is L to P?

(a) Grandson
(b) Granddaughter
(c) Daughter
(d) Nephew

Q15. 15. Five birds Crow, Pigeon, Little pigeon, Big crow and Eagle fly one after another from a tree branch. Big crow flew after Crow but is ahead of Eagle. Pigeon is between Crow and Big crow. Little Pigeon is before Crow. Which bird is the last?

(a) Pigeon
(b) Big crow
(c) Eagle
(d) None of these

Q16. Directions (Q. Nos. 16-18) Select the related letters/word/number from the given alternatives.

16. KMF : LLH :: RMS : ?

(a) SLR
(b) SLU
(c) SSU
(d) SUS

Q17. Directions (Q. Nos. 16-18) Select the related letters/word/number from the given alternatives.

17. CEGI : RTVX :: IKMO : ?

(a) JKLP
(b) LNPR
(c) MNPQ
(d) DFHI

Q18. Directions (Q. Nos. 16-18) Select the related letters/word/number from the given alternatives.

18. 8 : 28 :: 27 : ?

(a) 8
(b) 28
(c) 64
(d) 65

Q19. Direction (Q.No. 19) Which answer figure will complete the question figure?

19. Question Figure

(a)
(b)
(c)
(d)

Q20. 20. Which of the following figure represents the relationship among DOG, CAT and PET?

(a)
(b)
(c)
(d)

GENERAL KNOWLEDGE AND GENERAL AWARENESS

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Q21. In a certain code 'KINDLE' is written as ELDNIK, how 'EXOTIC' can be written in that code?

(a) EXIOTC
(b) COXITE
(c) CXOTIE
(d) CITOXE

Q22. Direction (Q. No. 22) Find the odd figure from the given alternatives.

22.

(a)
(b)
(c)
(d)

Q23. 23. A paper is folded and cut as shown in the given figure. When opened how will it appear, find it from the four alternatives given.

Question Figures

Answer Figures

(a)
(b)
(c)
(d)

Q24. Direction (Q. No. 24) Select the missing figure from the given responses.

24. Question Figures

Answer Figures

(a)
(b)
(c)
(d)

Q25. Direction (Q. No. 25) Two statements are given followed by two conclusions I and II. You have to consider the two statements to be true even, if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow from the given statements.

Statements:

Some humane creatures are doctors.

All doctors are angels.

Conclusions:

I. Some humane creatures are angels.

II. Some angels are humane creatures.

(a) Only I follows
(b) Only II follows
(c) Both I and II follow
(d) Neither I nor II follows

Q26. The Man Booker Prize 2011 was recently given to

(a) Patrich Dewitt
(b) AD Millers
(c) Carol Birch
(d) Julian Barnes

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Q27. Nomination of Rajya Sabha Members by the President was taken from the Constitution of

(a) USA
(b) Ireland
(c) South Africa
(d) France

Q28. The particle required to continue the chain process of uranium fission is

(a) electron
(b) proton
(c) neutron
(d) positron

Q29. Recently, who has made the highest score in ODI?

(a) Sachin Tendulkar
(b) Virendra Sehwag
(c) Ricky Ponting
(d) Tilakratne Dilshan

Q30. Yen is the currency of

(a) Yugoslavia
(b) Mexico
(c) Japan
(d) Thailand

Q31. Nasik is situated on the banks of the river

(a) Mahanadi
(b) Tapti
(c) Krishna
(d) Godavari

Q32. Who started the 'Servants of India Society'?

(a) Bal Gangadhar Tilak
(b) Gopal Krishna Gokhale
(c) Surendranath Banerjee
(d) Dadabhai Naoroji

Q33. Who discovered America?

(a) Vasco-Da-Gama
(b) Columbus
(c) Captain Cook
(d) Amundsen

Q34. The famous painting 'Monalisa' was the creation of

(a) Michael-Angelo
(b) Leonardo-Da-Vinci
(c) Picasso
(d) Van Gogh

Q35. Decibel is a term connected with

(a) air
(b) water
(c) sound
(d) soil

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Q36. 'Van Mahotsav' is associated with

(a) cutting trees
(b) planting trees
(c) increase in crop
(d) protection of plants

Q37. The accounting year of Reserve Bank of India runs from

(a) April to March
(b) July to June
(c) January to December
(d) August to July

Q38. In which state is 'Silent Valley' located?

(a) Tamil Nadu
(b) Kerala
(c) Asom
(d) Arunachal Pradesh

Q39. Who is considered the Architect of the Indian Constitution?

(a) Mahatma Gandhi
(b) BR Ambedkar
(c) Jawaharlal Nehru
(d) BN Rao

Q40. Who said that 'India's soul lives in villages'?

(a) Vinoba Bhave
(b) Jayaprakash Narayan
(c) JL Nehru
(d) Mahatma Gandhi

ELEMENTARY MATHEMATICS

Q41. The first woman to swim across seven important seas is

(a) Chandni
(b) Bula Choudhary
(c) Mridula Rajiv
(d) Priya Shanbhag

Q42. Insulin was discovered by

(a) F Banting
(b) Edward Jenner
(c) Ronald Ross
(d) SA Wakesman

Q43. In which of the following towns is 'Moti Masjid' situated?

(a) Agra
(b) Jaipur
(c) Lahore
(d) Ahmedabad

Q44. Which of the following is used to increase the anti-knocking property of petrol?

(a) Tetramethyl lead
(b) Tetraethyl lead
(c) Trimethyl lead
(d) Triethyl lead

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Q45. The largest organ of human body is

(a) heart
(b) brain
(c) liver
(d) kidney

Q46. The chemical name of 'common salt' is

(a) sodium chloride
(b) sodium nitrate
(c) ammonium chloride
(d) calcium chloride

Q47. Washing of peeled vegetables removes the vitamin

(a) A
(b) C
(c) D
(d) E

Q48. Nehru Trophy is associated with

(a) hockey
(b) football
(c) kabaddi
(d) table tennis (women)

Q49. The total number of bones in the human body is

(a) 206
(b) 260
(c) 306
(d) 360

Q50. First Indian Commander-in-Chief was

(a) Gen. KS Thimayya
(b) Gen. KM Cariappa
(c) SHFJ Manekshaw
(d) None of the above

Q51. Find the value of $\sqrt{(4 + \sqrt{(44 + \sqrt{10000})})}$ = ?

(a) 4
(b) 2
(c) 8
(d) 6

Q52. The average of squares of first 11 consecutive even numbers is

(a) 225
(b) 165
(c) 184
(d) 178

Q53. The LCM of two numbers is 48. The numbers are in the ratio 2 : 3. The sum of the numbers is

(a) 28
(b) 32
(c) 40
(d) 64

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Q54. The value of 1/(√2 + 1) + 1/(√3 + √2) + 1/(√4 + √3) + ... + 1/(√100 + √99), is

(a) 1
(b) 9
(c) √99
(d) √99-1

Q55. If the cost price is 95% of the selling price, what is the profit per cent?

(a) 4
(b) 4.75
(c) 5
(d) 5.26

Q56. On a certain sum of money, the difference between the compound interest for a year, payable half-yearly, and the simple interest for a year is 180. If the rate of interest in both the cases is 10%, then sum is

(a) 60000
(b) 72000
(c) 62000
(d) 54000

Q57. The monthly income of H and W is in the ratio 4 : 3 and the expenditure is in the ratio 3 : 2. If each of them saves 600 per month, the income of W, in rupees is

(a) 1200
(b) 2400
(c) 1800
(d) 9000

Q58. If a/2 = b/3 and b/4 = c/5 then (a + b) : (b + c) is

(a) 3:4
(b) 4:5
(c) 5:9
(d) 20:27

Q59. In a class, the average score of girls in an examination is 73 and that of boys is 71. The average score for the whole class is 71.8. Find the percentage of girls.

(a) 40%
(b) 50%
(c) 55%
(d) 60%

Q60. The cost of an article worth 100 is increased by 10% first and again increased by 10%. The total increase in rupees is

(a) 20
(b) 21
(c) 110
(d) 121

ENGLISH/HINDI

Q61. 61. When a person cycled at 10 km/h, he arrived at his office 6 min late. He arrived 6 min early, when he increased his speed by 2 km/h. The distance of his office from the starting place is

(a) 6 km
(b) 7 km
(c) 12 km
(d) 16 km

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Q62. Directions (Q. Nos. 62-65) Study the following graph and give the answers of the following questions.

Production of fertilizers by a company (in 10000 tonnes over the years 1995-2002)

62. What was the percentage decline in the production of fertilizers from 1997 to 1998?

(a) 33 1/3 %
(b) 30%
(c) 25%
(d) 20%

Q63. Directions (Q. Nos. 62-65) Study the following graph and give the answers of the following questions.

Production of fertilizers by a company (in 10000 tonnes over the years 1995-2002)

63. In how many years was the production of fertilizers more than the average production of the given years?

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

Q64. Directions (Q. Nos. 62-65) Study the following graph and give the answers of the following questions.

Production of fertilizers by a company (in 10000 tonnes over the years 1995-2002)

64. In which year was the percentage increase in production as compared to the previous year, the maximum?

(a) 2002
(b) 2001
(c) 1996
(d) 1997

Q65. Directions (Q. Nos. 62-65) Study the following graph and give the answers of the following questions.

Production of fertilizers by a company (in 10000 tonnes over the years 1995-2002)

65. The ratio of total production of fertilizers in the years 1996 and 1997 to that of total production in the years 1995, 1998 and 2000 is

(a) 5:6
(b) 6:5
(c) 20:29
(d) 13:24

Q66. 66. The sum of a two digit number and the number obtained by reversing its digits is a square number. How many such numbers are there?

(a) 5
(b) 6
(c) 7
(d) 8

Q67. 67. When a number is divided by 24, the remainder is 16. The remainder when the same number is divided by 12 is

(a) 3
(b) 4
(c) 6
(d) 8

Q68. 68. A and B can do a piece of work in 72 days, B and C can do it in 120 days and A and C can do it in 90 days. If A, B and C work together, how much work is finished by them in 2 days?

(a) 1/40
(b) 1/30
(c) 1/20
(d) 1/10

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Q69. 69. 137×137 + 137×133 + 133×133 / 137×137×137 - 133×133×133 = ?

(a) 4
(b) 1/4
(c) 3
(d) 1

Q70. 70. The average of 30 numbers is 12. The average of the first 20 of them is 11 and that of the next 9 is 10. The last number is

(a) 40
(b) 50
(c) 60
(d) 45

Q71. 71. The present ages of A and B are in the ratio 4:5 and after 5 years they will be in the ratio 5:6. The present age of A is

(a) 10 yr
(b) 30 yr
(c) 25 yr
(d) 20 yr

Q72. 72. 65 g is what per cent of 2 kg?

(a) 65/2 %
(b) 13/4 %
(c) 13/8 %
(d) 12/7 %

Q73. 73. If the area of circle inscribed in a square is 9π cm^2, then the area of the square is

(a) 24 cm^2
(b) 30 cm^2
(c) 36 cm^2
(d) 81 cm^2

Q74. 74. A boatman rows 1 km in 5 min along the stream and 6 km in 1 h against the stream. The speed of the stream is

(a) 6 km/h
(b) 5 km/h
(c) 1 km/h
(d) 10 km/h

Q75. 75. The ratio of the radii of two wheels is 3:4. The ratio of their circumferences is

(a) 3:4
(b) 4:3
(c) 2:3
(d) 3:2

Q76. Directions (Q. Nos. 76-78) In the following questions, four alternatives are given for the given idiom/phrase. Choose the alternative which best expresses the meaning of the given idiom/phrase.

76. I had to pull strings to put up a good show.

(a) play music
(b) use personal influence
(c) use the instrument
(d) play a song

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Q77. Directions (Q. Nos. 76-78) In the following questions, four alternatives are given for the given idiom/phrase. Choose the alternative which best expresses the meaning of the given idiom/phrase.

77. You can easily overcome this situation, if you keep your head.

(a) keep faith in
(b) remain calm
(c) believe in
(d) trust the others

Q78. Directions (Q. Nos. 76-78) In the following questions, four alternatives are given for the given idiom/phrase. Choose the alternative which best expresses the meaning of the given idiom/phrase.

78. It is clear that the ideas of both reformers ran in the same groove.

(a) Promoted each other
(b) Clashed with each other
(c) Moved in harmony
(d) Moved in different directions

Q79. Directions (Q. Nos. 79-80) In the following questions, out of the four alternatives, choose the one which best expresses the meaning of the given word.

79. Cajole

(a) Insist
(b) Persuade
(c) Flatter
(d) Recommend

Q80. Directions (Q. Nos. 79-80) In the following questions, out of the four alternatives, choose the one which best expresses the meaning of the given word.

80. Fragrance

(a) Taste
(b) Aroma
(c) Sight
(d) Touch

Q81. Directions (Q. Nos. 81-82) In the following questions, choose the word opposite in meaning to the given word.

81. Strife

(a) war
(b) Peace
(c) Anger
(d) Woe

Q82. Directions (Q. Nos. 81-82) In the following questions, choose the word opposite in meaning to the given word.

82. Repulsive

(a) Attractive
(b) Reflective
(c) Distinctive
(d) Progressive

Q83. Directions (Q. Nos. 83-85) In the following questions, groups of four words are given. In each group, one word is correctly spelt. Find the correctly spelt word.

83.

(a) Definitely
(b) Definately
(c) Definitly
(d) Definitly

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Q84. Directions (Q. Nos. 83-85) In the following questions, groups of four words are given. In each group, one word is correctly spelt. Find the correctly spelt word.

84.

(a) Cemetery
(b) Semetary
(c) Cemetary
(d) Cemetry

Q85. Directions (Q. Nos. 83-85) In the following questions, groups of four words are given. In each group, one word is correctly spelt. Find the correctly spelt word.

85.

(a) Recesion
(b) Reccesion
(c) Recession
(d) Recesion

Q86. Directions (Q. Nos. 86-89) In the following questions, sentences are given with blanks to be filled in with appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four.

86. The sparrows took no ..... the bread.

(a) notice of
(b) notice about
(c) notice from
(d) notice to

Q87. Directions (Q. Nos. 86-89) In the following questions, sentences are given with blanks to be filled in with appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four.

87. He shows great ability ..... mathematics.

(a) at
(b) for
(c) about
(d) in

Q88. Directions (Q. Nos. 86-89) In the following questions, sentences are given with blanks to be filled in with appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four.

88. There ..... any message from my teacher, since she moved to London.

(a) isn't
(b) wasn't
(c) hasn't been
(d) hadn't been

Q89. Directions (Q. Nos. 86-89) In the following questions, sentences are given with blanks to be filled in with appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four.

89. May I give you ..... advice?

(a) an
(b) some
(c) little
(d) one

Q90. Directions (Q. Nos. 90-92) In the following questions, a part of the sentence is underlined. Below are given alternatives to the underlined part at (a), (b) and (c) which may improve the sentence. Choose the correct alternative. In case no improvement is needed, your answer is (d).

90. I have not finished to paint the door.

(a) painting
(b) the paint of

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(c) the painting
(d) No improvement

Q91. Directions (Q. Nos. 90-92) In the following questions, a part of the sentence is underlined. Below are given alternatives to the underlined part at (a), (b) and (c) which may improve the sentence. Choose the correct alternative. In case no improvement is needed, your answer is (d).

91. She usually does not leave for work until she finished all her chores.

(a) finished
(b) has finished
(c) had finished
(d) No improvement

Q92. Directions (Q. Nos. 90-92) In the following questions, a part of the sentence is underlined. Below are given alternatives to the underlined part at (a), (b) and (c) which may improve the sentence. Choose the correct alternative. In case no improvement is needed, your answer is (d).

92. The article should not exceed more than hundred words.

(a) exceed beyond
(b) exceed than
(c) exceed
(d) No improvement

Q93. Directions (Q. Nos. 93-97) In the following questions, some of the sentences have errors and some are correct. Find out which part of a sentence has an error and corresponding to the appropriate answer (a), (b) and (c). If there is no error your answer is (d).

93. She is one of the (a)/ best mothers (b)/ that has ever lived. (c)/ No error (d)

(a) She is one of the
(b) best mothers
(c) that has ever lived.
(d) No error

Q94. Directions (Q. Nos. 93-97) In the following questions, some of the sentences have errors and some are correct. Find out which part of a sentence has an error and corresponding to the appropriate answer (a), (b) and (c). If there is no error your answer is (d).

94. John, I and Hari (a)/ have finished (b)/ our studies. (c)/ No error (d)

(a) John, I and Hari
(b) have finished
(c) our studies.
(d) No error

Q95. Directions (Q. Nos. 93-97) In the following questions, some of the sentences have errors and some are correct. Find out which part of a sentence has an error and corresponding to the appropriate answer (a), (b) and (c). If there is no error your answer is (d).

95. Neither the mouse (a)/ nor the lion (b)/were caught. (c)/ No error (d)

(a) Neither the mouse
(b) nor the lion
(c) were caught.
(d) No error

Q96. Directions (Q. Nos. 93-97) In the following questions, some of the sentences have errors and some are correct. Find out which part of a sentence has an error and corresponding to the appropriate answer (a), (b) and (c). If there is no error your answer is (d).

96. After you will returns (a)/ from new Delhi (b)/I will meet you. (c)/No error (d)

(a) After you will returns
(b) from new Delhi
(c) I will meet you.

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(d) No error

Q97. Directions (Q. Nos. 93-97) In the following questions, some of the sentences have errors and some are correct. Find out which part of a sentence has an error and corresponding to the appropriate answer (a), (b) and (c). If there is no error your answer is (d).

97. When I was young, (a)/ I used to collect stamps (b)/as a hobby. (c)/ No error (d)

(a) When I was young,
(b) I used to collect stamps
(c) as a hobby.
(d) No error

Q98. Directions (Q. Nos. 98-100) In the following questions, out of the four alternatives, choose the one which can be substituted for the given words/sentence.

98. A disease which is spread by direct contact:

(a) Contagious
(b) Infectious
(c) Epidemic
(d) Endemic

Q99. Directions (Q. Nos. 98-100) In the following questions, out of the four alternatives, choose the one which can be substituted for the given words/sentence.

99. The study of ancient civilizations.

(a) History
(b) Anthropology
(c) Ethnology
(d) Archaeology

Q100. Directions (Q. Nos. 98-100) In the following questions, out of the four alternatives, choose the one which can be substituted for the given words/sentence.

100. An animal story with a moral.

(a) Fable
(b) Tale
(c) Anecdote
(d) Parable

ANSWER KEY

1	a	2	d	3	c	4	a	5	d	6	b	7	b	8	a	9	b	10	a
11	b	12	c	13	c	14	a	15	c	16	b	17	b	18	d	19	–	20	–
21	d	22	–	23	–	24	–	25	c	26	d	27	b	28	c	29	b	30	c
31	d	32	b	33	b	34	b	35	c	36	b	37	b	38	b	39	b	40	d
41	b	42	a	43	a	44	b	45	c	46	a	47	b	48	a	49	a	50	b
51	a	52	c	53	c	54	b	55	d	56	b	57	c	58	d	59	a	60	b
61	–	62	–	63	–	64	–	65	–	66	d	67	b	68	b	69	b	70	b
71	d	72	b	73	c	74	a	75	a	76	b	77	b	78	c	79	b	80	b
81	b	82	a	83	a	84	a	85	c	86	a	87	d	88	c	89	b	90	–
91	b	92	c	93	c	94	a	95	c	96	a	97	d	98	a	99	d	100	a

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