

Kadapa : 868 80 80 80 2/4
Chennai : 9677166210/70

SSC : CHSL
Grand Test - 1

PART - A
GENERAL INTELLIGENCE & REASONING

Directions (1 - 4) : In the following questions, select the related word/letters/number from the given alternatives.

01. FLRX : DJPV :: EKQW : ?
 (1) WQKE (2) BHMT
 (3) CIOU (4) AGMS
02. 4 : 17 :: 7 : ?
 (1) 51 (2) 48
 (3) 49 (4) 50
03. Squint : Vision :: Stammering : ?
 (1) Tongue (2) Mouth
 (3) Hearing (4) Speech
04. Hand : Glove :: Head : ?
 (1) Hair-pin (2) Hair
 (3) Hat (4) Neck

Directions (5 - 6) : In the following questions, find the odd words/letter/number pair from the given alternatives.

05. (1) Radish (2) Carrot
 (3) Potato (4) Beetroot
06. (1) 120 - 90 (2) 106 - 36
 (3) 76 - 46 (4) 86 - 56
07. Arrange the following words according to the English Dictionary :
 1. Voyage 2. Voice
 3. Vocation 4. Volume
 (1) 2, 4, 3, 1 (2) 3, 2, 4, 1
 (3) 2, 3, 4, 1 (4) 3, 4, 2, 1
08. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?
 a _ bab _ ab _ abb
 (1) bba (2) baa
 (3) aaa (4) bbb

Directions (9-10) : In the following questions, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

09. FLA, GMB, HNC, IOD, ?
 (1) OTK (2) NSD
 (3) JPE (4) TOE
10. 135, 226, 353, ?, 739
 (1) 722 (3) 622
 (2) 522 (4) 632
11. If day before yesterday was Sunday, what day will fall on day after tomorrow ?
 (1) Tuesday (2) Wednesday
 (3) Thursday (4) Friday
12. In the following series of English alphabets, how many 'a b c' occur in such a way that 'b' is in the middle and both 'a' and 'c' are on any one side.
 q b c a j l c b a i d a e c h k a m b c n o a b c p k d c r b c
 h a q g a b c f e b c t u

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- (1) 2 (2) 6
 (3) 4 (4) 3
13. Sarika is 19th from either end of a row of girls. How many girls are there in that row ?
 (1) 19 (2) 38
 (3) 39 (4) 37
14. If 'ETHICS' can be written as 'SECTIH' then how can 'AFECTION' be written ?
 (1) NAOFITCE (2) NAOFETIC
 (3) NAOFICTE (4) NAOFIETC
15. From the given alternatives select the word which can be formed using the letters given in the word. **ONSLAUGHT**
 (1) STRONG (2) HOUSE
 (3) GHOST (4) ENOUGH

Directions : In the following question, select the missing number from the given responses.

4	5	8
3	?	2
4	10	4
48	200	64

- (1) 4 (2) 185
 (3) 40 (4) 20
- Directions : In the following question, some equations are solved on the basis of a certain system. On the same basis, find out the correct answer for the unsolved equation.**

17. If $6241 = 9$ and $3732 = 20$, then $4523 = ?$
 (1) 21 (2) 26
 (3) 16 (4) 23
18. Select the correct combination of mathematical signs to replace '*' signs and to balance the given equation.
 $6 * 5 * 8 * 4 * 32$
 (1) - + x x (2) + + + =
 (3) ÷ + x + (4) x + ÷ =
19. Seema started early in the morning on the road towards the Sun. After some time she turned to her left. Again after some time she turned to her right. After moving some distance she again turned to her right and began to move. At this time, in what direction was she moving?
 (1) South (2) North-West
 (3) North-East (4) East

Directions : In the following question, two statements are given, followed by two conclusions I and II. You have to consider the 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. Indicate your answer.

20. **Statements :**
 This world is neither good nor bad.
 Each individual manufactures world for himself.

38. Kolkata is an example of a port.
 (1) Natural (2) Oil
 (3) Naval (4) Riverine
39. Which of the following cities in India have the Headquarters of more than one Railway Zones?
 (1) Mumbai
 (2) Neither Kolkata nor Mumbai
 (3) Kolkata
 (4) Both Kolkata and Mumbai
40. Which of the following is a consequence of inflationary price rise?
 (1) Obstacle in development
 (2) Increase in economic inequalities
 (3) All of these
 (4) Adverse effect on the balance of payment
41. Match the following works with their authors :
 a Gita-Govinda 1. Hemachandra
 b Yogasastra 2. Bhaskaracharya
 c Sribhasya 3. Ramanuja
 d Siddhanta 4. Jayadeva siromani
 (1) a-4, b-1, c-3, d-2 (2) a-2, b-4, c-3, d-1
 (3) a-4, b-3, c-2, d-1 (4) a-4, b-3, c-1, d-2
42. The last dynasty of the Delhi Sultanate was the
 (1) Lodi dynasty (2) Slave dynasty
 (3) Khilji dynasty (4) Syed dynasty
43. Carbon footprint can be reduced by
 (1) All of these
 (2) Recycling waste materials
 (3) Using energy efficient appliances
 (4) Commuting by public transport
44. Which one of the following is found in Vinegar?
 (1) Acetic acid (2) Propionic acid
 (3) Formic acid (4) Butyric acid
45. Chief Justices of the Supreme Court hold office till they attain the age of
 (1) 65 Years (2) 60 Years
 (3) 62 Years (4) 58 Years
46. Rate of cooling depends on the
 (1) Temperature difference between the body and the surroundings
 (2) Nature of the radiating surface
 (3) Area of the radiating surface
 (4) All of these
47. The country where the national animal is the Sacred Cow
 (1) Indonesia (2) Bhutan
 (3) India (4) Nepal
48. National Income can be calculated in all except one of the following ways :
 (1) sum of all expenditures (2) sum of all outputs
 (3) sum of all savings (4) sum of all incomes
49. An electronic path, that sends signals from one part of computer to another is
 (1) Serial Port (2) Logic Gate
 (3) Bus (4) Modem
50. The rice is cooked more quickly in a pressure cooker because
 (1) it is covered.
 (2) less quantity of water is used.
 (3) None of these
 (4) water boils at a higher temperature under pressure.

PART - C
QUANTITATIVE APTITUDE

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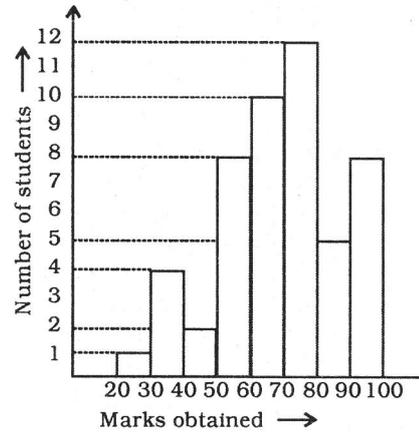
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51. The value of $\frac{1}{1 + \cot^2 \alpha} + \frac{1}{1 + \tan^2 \alpha}$ is equal to
 (1) 2 (2) 1
 (3) 1/4 (4) 1/2
52. If $\cos 43^\circ = \frac{x}{\sqrt{x^2 + y^2}}$, the value of $\tan 47^\circ$ is
 (1) $\frac{x}{\sqrt{x^2 + y^2}}$ (2) $\frac{y}{\sqrt{x^2 + y^2}}$
 (3) $\frac{y}{x}$ (4) $\frac{x}{y}$
53. The diameter of a sphere is 6 cm. It is melted and drawn into a wire of diameter 0.1 cm. Find the length of the wire.
 (1) 42 cm (2) 144 m
 (3) 28 cm (4) 36 m
54. The base of a pyramid of volume $48\sqrt{3}$ cc is an equilateral triangle. If the height of the pyramid is 4 cm, then each side of the equilateral triangle at the base is
 (1) 12 cm (2) 3 cm
 (3) 4 cm (4) 6 cm
55. The base of a right -angled triangle is 5 units and hypotenuse is 13 units. Then the area is
 (1) 60 sq. units (2) 15 sq. units
 (3) 30 sq. units (4) 12 sq. units
56. The graphs of $x + y = 4$ and $3x + 3y = 6$
 (1) do not intersect
 (2) intersect at the point (2, 2)
 (3) intersect at the point (1, 3)
 (4) intersect at the point (3, 1)
57. If $x - \frac{1}{x} = 2$, then the value of $x^4 + \frac{1}{x^4}$ is
 (1) 34 (2) 4
 (3) 8 (4) 12
58. If $a + b + c = 4$, then $a^3 + b^3 + c^3 - 12c^2 + 48c - 64$ is equal to
 (1) $abc + 12ab$ (2) $3abc$
 (3) $3abc - 12ab$ (4) $3abc + 12ab$
59. The greatest number of solid cubes with 0.2 metre edges that can be packed in a box whose inside dimensions are 1 m by 1 m by 2 m are
 (1) 250 (2) 10
 (3) 25 (4) 50
60. The length of a wire is 66 m. Then the number of circles of circumference 1.32 cm that can be made from this wire is
 (1) 5000 (2) 50
 (3) 100 (4) 1000

61. In an isosceles triangle ABC, AB = AC; a circle drawn with AB as diameter intersects BC at D. If BD = 3 cm, then the length of CD is
 (1) 6 cm (2) 1.5 cm
 (3) 5 cm (4) 3 cm
62. If O is the circumcentre of a right-angled triangle ABC, right-angled at B, the position
 (1) one side of BC
 (2) mid-point of CA
 (3) within triangle ABC
 (4) outside the triangle ABC
63. The average of 15 numbers is 7. If the average of the first 8 numbers is 6.5 and the average of the last 8 numbers is 8.5, then the middle number is
 (1) 15 (2) 10
 (3) 23 (4) 13
64. The sum of three numbers is 121. The ratio of the second to the third is 9 : 6 and the first to the third is 1 : 4. The second number is
 (1) 66 (2) 60
 (3) 62 (4) 64
65. 8 men can finish a piece of work in 40 days. If 2 more men join with them, then the work will be completed in
 (1) 25 days (2) 30 days
 (3) 32 days (4) 36 days
66. A producer of tea blends two varieties of tea from two tea gardens, one costing Rs. 240 per kg and the other Rs. 300 per kg, in the ratio 5 : 3. If he sells the blended variety at Rs. 315 per kg then his gain percent is
 (1) $11\frac{1}{9}$ (2) 10
 (3) 20 (4) $16\frac{2}{3}$
67. A shopkeeper earns a profit of 15% on selling a book at 10% discount on the printed price. The ratio of the cost price and the printed price is
 (1) 18 : 23 (2) 16 : 21
 (3) 18 : 21 (4) 17 : 23
68. A number when divided by 5, 9, 13 leaves remainders 2, 6 and 10 respectively. The least such number is
 (1) 582 (2) 572
 (3) 592 (4) 602
69. The base of a prism is an equilateral triangle of side 12 cm. If the volume of the prism is 1080 cc, then the total surface area of the prism in sq. cm is
 (1) 1080 (2) $72\sqrt{3}$
 (3) $360\sqrt{3}$ (4) $432\sqrt{3}$
70. In the sequence 4, 13, 38, ... the 4th term is
 (1) 123 (2) 58
 (3) 96 (4) 111
71. 1 minute 48 seconds in the percentage of 1 hour is represented by
 (1) 5% (2) 2%
 (3) 3% (4) 4%
72. H.C.F $\frac{1}{2}, \frac{3}{4}, \frac{5}{6}, \frac{7}{8}, \frac{9}{10}$ is

- (1) 1/120 (2) 1/2
 (3) 1/10 (4) 9/120
73. The least perfect square number which is divisible by 3, 4, 5, 6 and 8 is
 (1) 3600 (2) 900
 (3) 1600 (4) 2500

Directions (74-75) : The histogram below shows the marks of 50 students in an examination. Examine the diagram and answer the questions.



74. If the minimum marks for getting scholarship is 80, how many students will get it ?
 (1) 11 (2) 13
 (3) 12 (4) 10
75. How many students obtained less than 40 ?
 (1) 5 (2) 2
 (3) 6 (4) 4

PART - D
ENGLISH LANGUAGE

Directions (76 - 77) : In the following questions, some parts of the sentences have errors and some have none. Find out which part of a sentence has an error. The number of that part is your answer. If a sentence is free from error, then your answer is (4), i.e. No Error.

76. My mother made (1)/ the servant to (2)/ complete the work. (3)/ No error (4)
77. I want to get (1)/ a M.A. degree (2)/ from a reputed university located in India. (3)/ No error (4)

Directions (78-80): In the following questions, sentences are given with blanks to be filled in with an appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four as your answer.

78. They tried to bribe the peon but he _____ them.
 (1) was clever for
 (2) has been too clever for
 (3) was too clever for
 (4) was being clever for
79. She asked me _____
 (1) what the time was (2) what was the time
 (3) what is the time (4) what was time
80. A legislation was passed to punish brokers who their _____ clients' funds.

- (1) defalcate (2) devastate
(3) devour (4) embezzle

Direction : In the following question, out of the four alternatives, choose the one which best expresses the meaning of the given word as your answer.

81. Forsake
(1) Separate (2) Abandon
(3) Forego (4) Disintegrate

Direction : In the following question, choose the word opposite in meaning to the given word as your answer.

82. Keen
(1) Immobile (2) Impassioned
(3) Indifferent (4) Clever

Direction : In the question, there are four different words out of which only one word is correctly spelt. Find the correctly spelt word as your answer.

83. (1) hippopotomous (2) hipopotamus
(3) hippopotamus (4) hippopatemus

Direction (84-85): In the following questions, four alternatives are given for the Idiom/Phrase printed in bold in the sentence. Choose the alternative which best expresses the meaning of the Idiom/Phrase as your answer.

84. They earn so little that it is very difficult for them to **keep the wolf from the door.**

- (1) to display the wolf before the door
(2) have less money to avoid hunger and need
(3) have enough money to avoid hunger and need
(4) to hide the wolf behind the door

85. Arvind finally **got through** with his doctoral thesis.

- (1) was awarded his doctoral degree.
(2) finally cleared his last examination
(3) left the thesis half way through
(4) finally finished his thesis after hard toil

Direction : In the following question, out of the four alternatives choose the one which can be substituted for the given words/sentence.

86. That which cannot be consumed by fire
(1) Invincible (2) Inflammable
(3) Inexhaustible (4) Incombustible

Direction : In the following question, a part of the sentence is printed in bold. Below are given alternatives to the bold part at (1), (2), (3) which may improve the sentence. Choose the correct alternative. In case no improvement is needed, your answer is (4).

87. **When describing** the accident, he was in tears.
(1) When he was describing (2) As describing
(3) In describing (4) No improvement

Directions (88-90): In the following questions, 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.

88. He arranged the furniture in the house according to the decorator's plans.

- (1) The furniture was arranged in the house according to the decorator's plans.
(2) The furniture was being arranged in the house according to the decorator's plans.
(3) The furniture had been arranged in the house according to the decorator's plans.

(4) The furniture have been arranged in the house according to the decorator's plans.

89. Differential Calculus is being learnt by the girl.

- (1) The girl has learnt Differential Calculus.
(2) The girl is learning Differential Calculus.
(3) The girl learns Differential Calculus.
(4) The girl was learning Differential Calculus.

90. By whom is John looked after?

- (1) Who is looking after John ?
(2) Who looks after John ?
(3) John looks after whom ?
(4) Whom looks after John ?

Directions (91-92) : In the following questions, a sentence has been given in Direct/Indirect. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect/Direct.

91. "I'm so tiny that I can't reach your branches," said the little boy to the tree.

- (1) The little boy told the tree that he was so tiny that he couldn't reach its branches.
(2) The little boy said that the tree was so tiny that he couldn't reach its branches.
(3) The little boy said that he was so tiny that he couldn't reach its branches.
(4) The little boy told to the tree that he was so tiny that he couldn't reach its branches.

92. "I'm sorry I cannot stay," said the swallow. "I'm waited for in Egypt."

- (1) The swallow regretted that he was waited for in Egypt and couldn't stay.
(2) The swallow told that he is sorry he cannot stay and added that he is waited for in Egypt.
(3) The swallow said he was sorry he couldn't stay and added that someone was waiting for him in Egypt.
(4) The swallow regretted he couldn't stay as he was waited for in Egypt.

Directions (93-95): In the following questions, the 1st and the last sentences of the passage/parts of the sentence are numbered 1 and 6. The rest of the passage/sentence is split into four parts and named P, Q, R and S. These four parts are not given in their proper order. Read the passage/sentence and find out which of the four combinations is correct. Then find the correct answer.

93. 1. At the time when the city of Venice in Italy was rich and famous, one of her chief citizens was a merchant named Antonio.

- P. He had many friends, among them a young Venetian nobleman called Bassanio.
Q. But Antonio loved him and gave him money whenever he needed it.
R. Although he came from a noble family, Bassanio was poor and spent more money than he could afford.
S. He was well known for his kindness.
6. For the merchant of Venice was a rich man, who owned many ships which traded with foreign countries.

- (1) PRSQ (2) PQRS
(3) SQRP (4) SPRQ

94. 1. Self help means doing our own work ourselves.
P. They prefer to have things done for them.
Q. The most successful man is he who depends the least on others.
R. There are men in our society who don't exert themselves.
S. Such people are rarely successful.
6. He has a strength of mind and determination to succeed on his own.

- (1) QSRP (2) RPSQ
(3) PQRS (4) QPSR

95. 1. "Tsunami" which means 'harbour wave'
P. usually an ocean
Q. of a large volume of a body of water
R. is a series of water waves
S. caused by the displacement
6. though it can occur in large lakes.

- (1) PSQR (2) RQPS
(3) RSQP (4) SRQP

Directions (96-100) : In the following questions, in the following passage some of the words have been left out. Read the passage carefully and choose the correct answer to each question out of the four alternatives and fill in the blanks.

The sun had set but there was still some light in the sky. Martin (96) on his elbow and looked (97) through the leaves. In the waters of the lake, close to the shore, he saw a (98) of alligators floating quietly. One of the creatures, (99) huge one, was lying on a high (100) of sand, a few yards from the water.

96. (1) sat (2) crossed
(3) leaned (4) lay
97. (1) into (2) down
(3) at (4) for
98. (1) semblance (2) family
(3) volume (4) number
99. (1) an (3) one
(3) one (4) single
100. (1) bank (2) peak
(3) pit (4) pile

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Wishes You...
All the Best ...!

SSC - CHSL : 2017

Qualification : **Intermediate**
Age : **18 to 27** (not before 02-08-1991 and not later than 01-08-2000)
Vacancies : **3259**
Last Date : 18-12-2017
Exam Date : 04-03-2018 to 26-03-2018
Exam Fee : Rs 100/- (General / OBC)
No fee for women / SC / ST / Exs / PH.
Website : www.ssc.gov.in

RBI Office Attendant

Qualification : **10th Class**
Age : **18 to 25**
Vacancies : **526**
Last Date : 07-12-2017
Exam Date : December 4th Week **and** January 1st week
Exam Fee : Rs 450/- (General / OBC)
Rs 50/- (SC / ST)
Website : www.rbi.org.in

SSC : CHSL Test-1 KEY

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

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