## SSC CHSL Model Question Paper 2019

## Quant

Q1. If $5(\sin A \cos 3 A+\sin 3 A \cos A) 3-2$ $\sin 3 A \cos 3 A=x \sin 32 A$, find the value of $x$.

1) $1 / 3$
2) $1 / 8$
3) $2 / 3$
4) $3 / 8$ $\qquad$ - ( -

Q3. The sum of a non-zero number and twice its reciprocal is $33 / 4$. Find the number.

1) 9
2) 10
3) 11
4) 8

Q2. If 8 times of A's capital $=10$ times of B's capital $=12$ times of C's capital, out of total profit of Rs. 5180 , what is the share of C?

1) 1200
2) 25 percent
3) 1400
4) 60 percent
5) 1500
6) 37.5 percent
7) 1280
8) 66.67 percent

1|Page

ATTEMPT ALL TESTS ACROSS ALL EXAMS

Q5. A corrupt man professes to sell articles at his cost price but uses an untrue weight of 920 g , for each kg . Find his gain percentage.

1) $8.7 \%$
2) $9.2 \%$
3) $3.15 \%$
4) $5 \%$

Q6. If the compound ratio of ratios 1 : ( x $+y)$ and $1:(x-y)$ is $1: y 2$, find the value of $x / y$.

1) 1
2) 2
3) $\sqrt{ } 2$
4) $\sqrt{ } 3$

Q7. From a point on a bridge across a river the angles of depression of the banks on opposite sides of the river are $60^{\circ}$ and $45^{\circ}$ respectively. If the bridge is
at a height of 9 meter from the banks, find the width of the ricer.

1) $9 \sqrt{ } 3(\sqrt{ } 3+1)$
2) $3 \sqrt{ } 3(\sqrt{ } 3-1)$
3) $3 \sqrt{ } 3(\sqrt{ } 3+1)$
4) $9 \sqrt{ } 3(\sqrt{ } 3-1)$

Q8. What is the value of $\sqrt{ } 121+\sqrt{ } 12321$ $+\sqrt{ } 1234321+\sqrt{ } 123454321 ?$

1) 12345
2) 123456
3) 12344
4) 123454

Q9. The average of $18,20,32,8, x, 9$ and 13 is 17 . What is the value of $x$ ?

1) 21
2) 19
3) 18
4) 20

Q1o. Find the value of $x$, if $12 \%$ of $x=9$

1) 75
2) 50
3) 60
4) 80 b3 is

Q13. If $\mathrm{a}-\mathrm{b}=3$ and $\mathrm{ab}=28$, then a 3 -

1) 279
2) 387
3) 513

Q11. If Geeta's salary is $9 / 5$ times of Hari's and Shalu's is $9 / 2$ times of Hari's, what is the ratio of Geeta's salary to Shalu's?

1) $10: 81$
2) $81: 10$
3) $5: 2$
4) $2: 5$

Q12. Find the HCF of $\mathrm{X}_{4}-1$ and $\mathrm{X}_{4}+$ 5X2 + 4 .

1) $(X 2+1)$
2) $(X+1)$
3) $(\mathrm{X} 2-1)$
4) Rs. 200
5) Rs. 240

Q14. The simple interest at $10 \%$ p.a. on a deposit for 2 years is Rs. 4,000. If the interest is compounded on an annual basis, how much more will be the amount of interest?
3) Rs. 220
4) Rs. 190

Q15. A and B start travelling in opposite direction starting from the same spot. A

3 | P a g e

ATTEMPT ALL TESTS ACROSS ALL EXAMS
travels at a speed of 65.8 kmph and $B$ is travelling at a speed of 56.4 kmph . What is the distance between them after 3 hours 20 minutes?

1) 31.33 km
2) 105.33 km
3) 296.33 km
4) 407.33 km

Q16. A man can row $12 \mathrm{~km} / \mathrm{hr}$ in still water. If the speed of the current is 3 $\mathrm{km} / \mathrm{hr}$, he takes 4 hours more in upstream than in the downstream. What is the distance (in km )?

1) 30
2) 45
3) 60
4) 90 $(6,-1)$ and $(2,3)$ then
5) $x+y=3$

Q17. A is twice as good as B and together they finish a piece of work in 48 days.
2) $x-y+3=0$
3) $x+y+3=0$
4) $x-y=3$

Q20. The equation of the line parallel to $x+3 y=9$ and passing through $(2,2)$ is

1) $x+2 y=6$
2) $x+3 y=7$
3) $x+3 y=8$
4) $x-3 y=4$

Q21. If two parallel chords of length 12 cm each and ' x ' metres apart are drawn on either side of the centre of a circle then the radius is equal to.

1) $\sqrt{36+\frac{x^{2}}{4}}$
2) $\sqrt{36+x^{2}}$
3) $6+x$
4) None of these

## Comprehension Start:

Directions: The bar graph shows 1 month's sales figures of different brands of televisions of a certain electronics store. Study the diagram and answer the following question:


Q22. If the sales figures are exclusive of tax, then at the rate of $12 \%$ tax how much is the tax to be paid (in Rs.) on the sales of all the 7 brands of televisions?

1) 240000
2) 24000
3) 420000
4) 42000

Q23. Sales of brand B Television was
lesser than that of brand G by $\qquad$

1) $3.75 \%$
2) $6.67 \%$
3) $7.17 \%$
4) $5.25 \%$
5) $F$

## Comprehension End:

## Logical Reasoning

Q26. In the following question, select the odd word from the given alternatives.

1) Tyre

Q24. Find the ratio of the sales of brand E to that of brand A.

1) $1: 2$
2) $2: 1$
3) $4: 1$

Q27. If 15 @ 6 C $8=13$ and $18 @ 12$ C 15
4) $1: 4$
$=15$, then
$17 @ 14 \mathrm{C} 13=$ ?
Q25. Sales of which television brand

1) 10 were the second lowest?
2) 18
3) A
4) 16
5) C
6) 24
7) G
8) Steering
9) Sun
10) Lake
$6 \mid P a g e$ Dlestbookcom

Q28. In the following question, select
the related word from the given alternatives.

Banana : Fruit : : Ginger : ?

1) Root
2) Fruit
3) Flower
4) Stem

Q29. In the following question, select the odd letters / numbers from the given alternatives.

1) E 6 B
2) R 2 OH
3) X 32 I
4) N8J

Q30. What will be the next set of alphabets in the series?

PBA, QCB, RDC, SED, $\qquad$

1) TFD

7 | Page


1) $31,32,02,56$
2) $67,86,97,98$
3) $00,12,13,01$
4) $23,89,68,23$

Q32. In the following question, select the related letters from the given alternatives.

YAC : ZBD : : PRT : ?

1) QST
2) RSU
3) RST
4) QSU

Q33. In the following figure, circle represents landline, triangle represents mobile and semi circle represents phone. Which set of letters represents
both mobile and phone, but not landline?


1) $D$
2) $G$
3) Both G and D
4) E, G and C

Q34. I is wife of J who is brother of M.
M's mother G is married to H . K is sister of $L$ who is son of $J$.

So, K is $\qquad$ of H .

1) Niece
2) Daughter
3) Granddaughter
4) Wife


ATTEMPT ALL TESTS ACROSS ALL EXAMS

Q35. Select the missing number from the given responses.

2) 1
3) -1
4) 14

Q36. Direction: The following question consists of a question followed by three statements numbered I, II and III.
Decide if data given in the statements are sufficient to answer the questions below.

What is the direction of the position of M with respect to K if all are facing north?
I. L is left to $M$ and north to $K$.
II. K is right to N .

9|Page
4) 22 years

Q39. In which answer figure will complete the pattern in the following question figure?

3)

4)

Q40. In the following question, select the missing number from the given series.
$1,7,3,9,6,12,10,16,15, ?$

1) 18
2) 15
3) 20
4) 21

Q41. In the following question, select the word which cannot be formed using the letters of the given word.

INESCAPABLE

1) Scale

10 | P a g e
2) Plane
3) Escape
4) Lame

Q42. In the following question, select the related number from the given alternatives.
$5432: 14:: 4807: ?$

1) 23
2) 14
3) 19
4) 13

Q43. Directions: Each of the questions below consists of a question and two statements numbered I and II are given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give the answer.

Who among R, L, M and N is the shortest?
I. $N$ is not as tall as $M$ but is taller than L.
II. $M$ is not the tallest.

1) The data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
2) The data in both statements I and II together are necessary to answer the question.
3) The data in Statement I alone or in Statement II alone are sufficient to answer the question.
4) The data in both the Statements I and II together are not sufficient to answer the question.

Q44. Direction: Arrange the given words in the sequence in which they occur in the dictionary.

1. Orator
3) 9,8
2. Orchid
4) 12,8
3. Oracle
4. Order
5. Orange
1) $2,5,3,1,4$
2) $5,4,1,2,3$
3) $3,5,1,2,4$
4) $4,1,2,5,3$

Q46. In the given series one word/one term/one number is missing. Select the correct alternative from the given ones that will complete the series.
$7,-1,2,-6,12, ?,-8$

1) 6

Q45. How many triangles are there in the given figure? Also, minimum how many lines are required to make the given figure?


Q47. In the given question, in three out four figures, figure 1 is related to figure 2 in same particular manner. Spell out the pair in which relationship does not exist between figure 1 and figure 2.

1) 13,6
2) 11,8

## 12 | P a g e

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1) 1
2) 2
3) 3
4) 4

Q48. Find the next term in the given series.

BD2, FH2, JL2, NP2, ?

1) ST 2
2) CH 2
3) GH 2

13 | Page
1)


1) Daman and Diu
2) Dadra and Nagar Haveli
3) Lakshadweep
4) Andaman and Nicobar
5) 


3)


Q53. From which place did Mahatma Gandhi start his first Satyagraha?

1) Champaran
2) Bardoli
3) Khera
4) Ahmedabad

GA

Q54. The shortcut key to print a
Q51. Unit of loudness of sound is: document is $\qquad$ ?

1) Bel
2) $\mathrm{Ctrl}+\mathrm{A}$
3) Decibel
4) $\mathrm{Ctrl}+\mathrm{P}$
5) Phon
6) $\mathrm{Ctrl}+\mathrm{C}$
7) None of these
8) $C t r l+V$

Q52. Silvassa is the capital of

Q55. Who is/are the editor/editors of the book 'Making of New India:
Transformation under Modi
Government'?

1) Dr Bibek Debroy
2) Dr Anirban Ganguly
3) Kishore Desai
4) All of the above

Q56. The Grammy Awards 2019 where held in $\qquad$ .

1) San Francisco
2) Los Angeles
3) New York
4) Boston

Q57. Which of the following amendments deals with the unfilled vacancies of $\mathrm{SC} / \mathrm{ST}$ ?

1) 69 th Amendment
2) 73rd Amendment

Q59. Where is Benghazi port?

1) Libya
2) Shanghai
3) Vancover
4) Singapore
5) 8oth Amendment
6) 81st Amendment

Q58. How is Syphilis diagnosed in a person?

1) Urine test
2) Physical examination
3) Blood test
4) Throat swabs
5) Singapore

Q60. Match the following:
List - I
a) Himadri

15 | Page

ATTEMPT ALL TESTS ACROSS ALL EXAMS
b) Shivalik
c) Himachal
d) Sahyadri

List - II

1. Outer Himalayas
2. Inner Himalayas
3. Middle Himalayas
4. Western Ghats
1) $\mathrm{a}-1, \mathrm{~b}-2, \mathrm{c}-3, \mathrm{~d}-4$
2) $\mathrm{a}-4, \mathrm{~b}-2, \mathrm{c}-3, \mathrm{~d}-1$
3) $\mathrm{a}-2, \mathrm{~b}-1, \mathrm{c}-3, \mathrm{~d}-4$

Q63. Periyar National Park is a famous
4) $\mathrm{a}-2, \mathrm{~b}-1, \mathrm{c}-4, \mathrm{~d}-3$
$\qquad$ reserve(except elephant)

1) Tiger
2) Squirrel

Q61. The grassland of Argentina is known as:
3) Crocodile
4) Rhino

1) Pampas
2) Campos

Q64. Vinegar is $\qquad$ .
3) Savanna

1) diluted acetic acid
2) None of the above
3) glacial acetic acid

## 16 | Page

3) glacial formic acid
4) diluted formic acid

Q65. Read the following statements about 'Granny Dakshayani'.

1. She was India's oldest elephant.
2. She was awarded the title 'Gaja Muthassi'.
3. She was in captivity in Karnataka.

Which of the following statements is/are correct?

1) Only 1
2) Only 2
3) Both 1 and 2
4) Both 2 and 3

Q66. Which compound is used to create artificial rains?

1) Silver iodide
2) Silver behenate
3) Silver bromide
testbook
4) Silver perrhenate

Q67. The Republic of Macedonia has officially changed its name to the Republic of North Macedonia. What is the capital of North Macedonia?

1) Tirana
2) Skopje
3) Bucharest
4) Zagreb

Q68. In Indian constitution, the method of election of President has been taken from which country?

1) Britain
2) USA
3) Ireland
4) Australia

Q69. Who Invented water turbine?

1) Enrico Fermi

17 | Page

ATTEMPT ALL TESTS ACROSS ALL EXAMS
2) Adolf Gaston Eugen Fick
3) Sandford Fleming
4) Benoit Fourneyron

Q72. The goods which people consume more, when their price rises are called
$\qquad$ -.

1) Essential goods
2) Capital goods

Q70. The 2019 FIFA Women's World Cup will be held in which country?

1) France
2) UK
3) Belgium
4) Germany

Q71. Which Comet appears every 76 years?

1) Donati's
2) Holme's
3) Halley's
4) Centauri

Q74. Which Governor General of India introduced the Doctrine of Lapse?

1) Lord Dalhousie
2) Lord Charles Metcalfe
3) Lord Hardinge


Tagore was one of the (most greatest) writers the world has ever seen.

1) Greatest
2) More greatest
3) Most
4) No improvement

Q79. Improve the bracketed part of the sentence.

I am sure he (helps) me in every manner possible.

1) Is helping
2) Will help
3) Would help
4) No improvement

Q8o. 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.

She painted the portrait with a lot of concentration.

1) The portrait had been painted by her with a lot of concentration.
2) The portrait was painted with a lot of concentration.
3) The portrait was painted by her with a lot of concentration.
4) The portrait is painted by her with a lot of concentration.

Q81. 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.

The girl said, "I wanted to go to my friend's house."

1) The girl said she had wanted to went to her friend's house.
2) The girl said that she wanted to gone to her friend's house.

ATTEMPT ALL TESTS ACROSS ALL EXAMS
3) Enjoy everything
4) Aware of and quick to respond to new ideas and methods

Q84. The sentence(s) given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it.

He actually lacked the $\qquad$ to go alone and talk to the Principal.

1) Sense
2) Wisdom
3) Confidence
4) Action

Q85. The sentence(s) given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it.
2) Being completely exposed

21 | Page

ATTEMPT ALL TESTS ACROSS ALL EXAMS
$\qquad$ any mishap the project should be ready by Monday.

1) Hindering
2) Barring
3) Preparing
4) Recovering Q8.In the following question, out of the four alternatives, choose the word which best expresses the meaning of the given word and click the button corresponding to it.

Baleful

1) Diseased
2) Illicit
3) Menacing
4) Jocose

Q87. In the following question, out of the four alternatives, choose the word which best expresses the meaning of the

Q88. In the following question, out of the four alternatives, choose the word which is opposite in meaning to the given word and click the button corresponding to it.

Cogent

1) Friendly
2) Aberrant
3) Vague
4) Daring
given word and click the button corresponding to it.

Darkling

1) Blindly
2) Sadly
3) Tensedly
4) Happily

Q89. In the following question, out of the four alternatives, choose the word

which is opposite in meaning to the given word and click the button corresponding to it.

Destitute

1) Monetary
2) Spiritual
3) Bliss
4) Rich

Q90. In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase.

To reject something formally

1) Tirade
2) Bombast
3) Vex
4) Abjure

Q92. 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.

When I reached there
P. of the auditorium
Q. the show was over and
R. people were coming out

1) $P R Q$
2) $Q P R$

Q91. In the following question, out of the four alternatives, select the
3) QRP
4) PQR

23 | Page

ATTEMPT ALL TESTS ACROSS ALL EXAMS

Q93. 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.

The queen was too happy
P. princess serving the old
Q. to see her little
R. women at the temple

1) RQP
2) $P Q R$
3) $P R Q$
4) $Q P R$

In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

Delhi's air quality $\qquad$ 'very poor' for the third straight day and authorities
warned that the situation may
$\qquad$ in the coming days. The air quality index (AQI), as maintained by the Central Pollution Control Board (CPCB), was 326 in a scale $\qquad$ 500. Delhi environment minister said ambient air quality
$\qquad$ comparatively but things will
$\qquad$ .

Q94. Delhi's air quality $\qquad$ 'very poor' for the third straight day

1) Formed
2) Developed
3) Remained
4) Got

Q95. warned that the situation may
$\qquad$ in the coming days

1) Worsen
2) Demand
3) Improve


Q96. was 326 in a scale $\qquad$ 500

1) For
2) With
3) In
4) Of

Q97. said ambient air quality $\qquad$

1) Improves
2) Has improved
3) Will improve
4) Improved

Q100. In the following question, four words are given out of which one word is correctly spelt. Find the correctly spelt word.

1) Darth

Q98. comparatively but things will

1) Live
2) Oppose
3) Deteriorate

Q99. In the following question, four words are given out of which one word is correctly spelt. Find the correctly spelt word.

1) Vitate
2) Medle
3) Illusion
4) Perpetate
