

SSC CGL T-I Reasoning Section Test 01

Q1. Three Statements are given followed by four conclusions numbered 1, 2, 3, and 4. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically does NOT follow(s) from the statements.

Statements:

I. All Fruits are Green.

II. Some Green are Vegetable.

III. Some Green are Polybags.

Conclusions:

1) Some Vegetable are Polybags.

2) Some Green are Fruits.

3) All Fruits are polybags

4) Some Vegetables are Polybags.

(a) Only 1 and 2 do not follow.

(b) Only 1, 3 and 4 do not follow.

(c) Only 4 does not follow.

(d) Only 3 does not follow.

Ans.(b)

Q2. 1. Authority

2. Automate

3. Authentic

4. Auspicious

5. Aureole

Select the option that represents the correct order of the given words as they would appear in an English dictionary?

(a) 1, 3, 2, 5, 4

(b) 4, 3, 1, 2, 5

(c) 3, 2, 4, 1, 5

(d) 5, 4, 3, 1, 2

Ans.(d)

Q3. What will come at the place of question mark (?)

1, 2, 6, 21, 88, ?

(a) 440

(b) 441

(c) 442

(d) 445

Ans.(d)

Q4. How many letters will remain unchanged if the word MOBILE is arranged alphabetically?

- (a) 2
- (b) 1
- (c) 0
- (d) 3

Ans.(c)

Q5. Complete the series:

a a a _ c c b b _ a a a c c c _ b b a a a c c _ b b b

- (a) bbcc
- (b) cbbc
- (c) bcbc
- (d) ccbb

Ans.(b)

Q6. Refer to the given letter series and answer the question that follows. Counting to be done from left to right only.

(Left) Y M C K R X Z S P O L I H J F V E N U B W G Q (Right)

How many such consonants are there each of which is immediately preceded by a vowel and also immediately followed by a vowel?

- (a) One
- (b) Three
- (c) Two
- (d) None

Ans.(c)

Q7. A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the exact centre of the sides.

E sits third to the right of B. B sits at one of the corners. G sits second to the right of E. Only one person sits between G and F. A sits to the immediate right of H. Only three people sit between A and D.

Who sits to the immediate right of C?

- (a) E
- (b) F
- (c) G
- (d) B

Ans.(c)

Q8. Select the option that is related to the third term on the same basis as the second term is related to the first term.

12 : 30 :: 20 : ?

- (a) 30
- (b) 42
- (c) 32

(d) 48

Ans.(b)

Q9. In the following question, the first and second numbers are related in some way, choose the alternative which is similarly related to the third number

152 : 1064 :: 133 : ?

(a) 1197

(b) 931

(c) 1035

(d) 665

Ans.(b)

Q10. Out of the given options, three are similar in a certain manner. However, one option is NOT like the other three. Select the option which is different from the rest.

(a) WSXZ

(b) NJLO

(c) SOQT

(d) HDFI

Ans.(a)

Q11. Kavita starts from Point A and drives 7 km towards east. She then takes a left turn and drives 12 km. She takes a final left turn; drives 10 km and stops at Point P. If a pole is located 12 km south of Point P, how far and in which direction would the pole be from Kavita's starting point? (All the turns are 90° turns only, unless specified.)

(a) 7 km, east

(b) 7 km, south

(c) 10 km, west

(d) 3 km, west

Ans.(d)

Q12. Statement: All engineers are graduates. Rohit is an engineer. What follows?

(a) Rohit is experienced.

(b) Rohit is a graduate.

(c) Rohit is a manager.

(d) Rohit is unemployed.

Ans.(b)

Q13. In a certain code language, 'YJM' is coded as '26-11-14' and 'SOP' is coded as '20-16-17'. What is the code for 'BTX' in the given code language?

(a) 3-21-25

(b) 5-22-24

(c) 5-23-25

(d) 4-22-24

Ans.(a)

Q14. Find the odd one:

- (a) Rectangle
- (b) Square
- (c) Cube
- (d) Triangle

Ans.(c)

Q15. If # = +, @ = ×, % = -, then find the value of: $(6 @ 3) \% 4 \# 5$?

- (a) 17
- (b) 18
- (c) 19
- (d) 20

Ans.(c)

Q16. If LIGHT is coded as KJFIS, then HEAVY is coded as?

- (a) GEZWX
- (b) GFZWX
- (c) GFZXX
- (d) GFYWX

Ans.(b)

Q17. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- (22, 28, 31)
- (39, 45, 48)
- (a) (53, 59, 65)
- (b) (44, 47, 50)
- (c) (17, 20, 26)
- (d) (27, 33, 36)

Ans.(d)

Q18. If + is ×, × is -, - is ÷ and ÷ is +, then $6 + 4 \times 24 - 8 \div 4 = ?$

- (a) 30
- (b) 25
- (c) 20
- (d) 35

Ans.(b)

Q19. Which of the following is/are identical to the address given: Priya Yadav B-22, Rosewood Heights, Sector 15, Gurgaon, 122002

1. Priya Yadav B-22, Rosewood Heights, Sector 15, Gurgaon, 122002
2. Priya Yadav B-22, Rosewood Heights, Sector 15, Gurugram, 122002
3. Priya Yadav B-22, Rosewood Heights, Sector 15, Gurgaon, 122003
4. Priya Yadav B-22, Rosewood Heights, Sector 15, Gurgaon, 122001

(a) 2 Only

(b) 1 Only

(c) 4 Only

(d) 3 Only

Ans.(b)

Q20. In a certain code language,

$A \times B$ means 'A is the wife of B'

$A + B$ means 'A is the brother of B'

$A ? B$ means 'A is the father of B'

$A \sim B$ means 'A is the daughter of B'

Based on the above, how is E related to Y if $E \sim N ? J + O \times Y = ?$

(a) Wife's sister

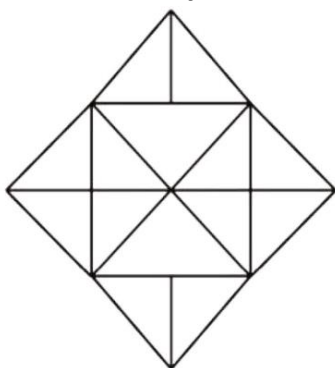
(b) Wife's brother

(c) Wife's father

(d) Wife's mother

Ans.(a)

Q21. How many maximum number of triangles are there in the given question figure?



(a) 34

(b) 18

(c) 20

(d) 30

Ans.(d)

Q22. Each question below is followed by two statements numbered I and II. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both statements carefully and give answer:

In which direction is Point S with respect to Point N?

I. Point M is to the north of Point Y. Point S is 12m to the south of Point Y. Point N is 2m to the east of Point M.

II. Point D is to the north of Point S. Point S is 2m west of Point K. Point K is 5m west of Point N.

- (a) Only statement I is sufficient
- (b) Both statements I and II together are sufficient
- (c) Either statement I or statement II is sufficient
- (d) Only statement II is sufficient

Ans.(c)

Q23. Study the following information carefully and answer which of the statements given below is true. Six persons P, Q, R, S, T and U are sitting in a row facing either north or south. Not more than two persons facing the same direction who sit next to each other. T is sitting at one of the ends of the row. R is facing south and is sitting two seats away from T. U is sitting 3rd to the right of S. One person is sitting between U and Q who is facing south. P and T are sitting to the right of each other.

I. P and T both are sitting at the ends.

II. R is sitting to the second right of S

III. U is sitting between R and T.

- (a) Only I and II true
- (b) Only I and III true
- (c) Only II and III true
- (d) All are true

Ans.(d)

Q24. Here, two conclusions are followed by five statements. Consider the given conclusions to be true even if they seem to be at variance with commonly known facts. Read the conclusions and then decide which of the following statement is true for given conclusions.

Conclusions: I. Some running is not achieving.

II. No achieving is dreaming.

- (a) Statements: Some shining is running. No shining is achieving. Some dreaming is shining.
- (b) Statements: Some shining is running. Some running is dreaming. No shining is achieving.
- (c) Statements: Some running is shining. No shining is achieving. All dreaming is shining.
- (d) Statements: No shining is running. No running is dreaming. Some shining is achieving.

Ans.(c)

Q25. Sentence:

"Silver banana forests sparkle beneath golden mountains."

If the 2nd letter of every 2nd word is written in order, what word is formed?

- (a) apo
- (b) ano
- (c) aoo
- (d) aon

Ans.(a)