

SSC GD Mock Test 1

Directions (1-3): Read the information given below and answer the following questions:

Seven boys Ashish, Divya, Manas, Udit, Preeti, Kiran and Jagriti live in three different buildings - Green Homes, Sky High and Lake view. Each of them flies kites of different colours i.e., red, orange, purple, brown, grey, yellow and pink, not necessarily in that order. Not more than three or less than two stays in any of the buildings. Kiran is flying a pink kite and lives in the same building as only Jagriti, i.e. Green Homes. Manas is flying a grey kite and does not live in Lake view building. Udit does not live in the same building as Ashish or Preeti and is flying a yellow coloured kite. Divya lives in Lake view building with only one more person and is flying an orange kite. None in the Sky High building flies a brown kite. Preeti does not fly a purple kite.

Q 1. Which colour kite does Kiran fly?

1. Yellow
2. Red
3. Purple
4. Pink
5. Grey

Q 2. Which among the given set of people live in Sky-high building?

1. Ashish, Preeti, Manas
2. Kiran, Preeti
3. Jagriti, Udit
4. Divya, Manas, Preeti
5. Kiran, Udit

Q 3. Who flies the grey coloured kite?

1. Ashish
2. Divya
3. Jagriti
4. Manas
5. Preeti

Directions (4-5): Answer the following questions based on the information given below:

In a certain code language, 'si no ki' is written as 'clouds pour rain'

'No bi mt' is written as 'rain he goes'

'Bi no zi' stands for 'stood rain he'

Q 4. What is 'clouds' coded as?

1. Si
2. No
3. Zi
4. Ki
5. Either 'si' or 'ki'

Q 5. What is the code for 'clouds rain pour'?

1. No ki zi
2. Zi bi mt
3. No ki si
4. No bi si
5. Si ki no

Q 6. X is the son of L. D is the son of J. X is married to C. C is J's daughter. How is D related to X?

1. Brother
2. Sister
3. Uncle
4. Brother in law
5. Cannot be determined

Q 7. In the word 'ENTHUSIASTIC', how many such pair of letters are there in the word as many letters between them in the English Alphabet.

1. One
2. Two
3. Three
4. More than four
5. Five

Directions (8-9): For the following questions, statements are given followed by conclusions. Based on the conclusion, mark the correct option.

Q.8.

Statement

- All pins are nails.
- Some nails are hammers.
- Some hammers are screw.
- Some screws are Axe.

Conclusions:

- I. Some Axe being hammers is a possibility .
- II. Some screws are nails.
- III. Some screw not being pins is a possibility.
- IV. Some Axes are nails.

1. Only I and II follows
2. Only II and III follows
3. Only I and III follows
4. Only II and IV follows
5. None of these.

Q.9.

Statements

- Some flies are bees
- Some bees are grasshoppers

Conclusion;

- I. Some flies are not grasshoppers
 - II. Some grasshoppers are not bees
-
- 1. Both I and II follows
 - 2. Only I follows
 - 3. Only II follows
 - 4. Either I or II follows
 - 5. Neither I or II follows

Directions 10- 11: A part of each sentence given below has been underlined. Select the option that best replaces the underlined part.

Q.10. Many people mistake familiarity for a vulgar style, and suppose that to write without affectation is to write at random speed.

- 1. is to write randomly
- 2. is to write fast
- 3. is to write at random
- 4. is to do speed writing
- 5. Is to do speedy writing

Q.11.

The management can still hire freely but cannot scold freely.

- 1. cannot give umbrage
- 2. cannot take decisions to scold
- 3. cannot scold willfully
- 4. cannot scold at will
- 5. Cannot scold at their free will

Directions 12- 14: Fill in the blanks of the following sentences using the most appropriate word or words from among the options given for each.

Q.12.

Social studies, science matters of health and safety, the atmosphere of the classroom, these areas are few of the _____ for the _____ of proper emotional reactions.

- 1. Things, growth
- 2. important areas, formation
- 3. fertile areas, basis
- 4. fertile fields, inculcation
- 5. Critical areas, development

Q.13.

Simple arithmetic tells us that there is more ____ than ____.

- 1. Improvisation, improvement
- 2. Impracticality, knowledge
- 3. Imitation, innovation

4. Improbability, probability
5. Impersonation, arrangement

Q.14. Football evokes a ___ response in India compared to cricket, that almost ___ the nation.

1. Languid, murk
2. Lukewarm, electrifies
3. Turbid, fascinating
4. Tepid,boiling
5. Apocryphal, genuinely fascinates

Directions 15-16: Arrange sentences 1,2,3 and 4 between sentences A and F to form a logical sequence of six sentences.

Q15.

I. A market for Indian art has existed ever since the international art scene sprang to life.

1. The fortunes of the Delhi supremos, the Jew Town dealers in Cochin and myriad others around the country were made.
2. But interest in architectural conceits is an unanticipated fallout of the Festivals of India of the '80s, which were designed to increase exports of Indian crafts.
3. Western dealers, unhappy in a market afflicted by violent price fluctuations and unpredictable profit margins, began to look East, and found cheap antiques with irresistible appeal.
4. Simultaneously, the Indian elite discarded their synthetic sarees and kitsch plastic furniture and a market came into being.

VI. A chain of command was established, from the local contacts to the provincial dealers and up to the big boys, who entertain the Italians and the French, cutting deals worth lakhs in warehouses worth crores.

1. 1234
2. 1324
3. 3421
4. 3241
5. 2413

Q.16.

I.The problem of improving Indian agriculture is both a sociological and an administrative one.

1. It also appears that there is a direct relationship between the size of a state and development.
2. Without improving Indian agriculture, no liberalisation and delicensing will be able to help India.
3. The issues of Indian development, and the problem of India's agricultural sector, will remain with us long into the next century.
4. At the end of the day, there has to be a ferment and movement of life and action in the vast segment of rural India.

VI. When it starts marching, India will fly.

1. 4123
2. 3421
3. 1342
4. 1324
5. 4231

Directions 17-20 Study the following table and answer the questions based on it.

Household expenses of Mr. A per month over the given years.

Year	Expenditure				
	Salary	Grocery	Rent	Fuel	Taxes
2014	288000	9800	13000	2340	8300
2015	342000	11200	25200	3250	10800
2016	324000	10100	38400	4160	7400
2017	336000	13300	36800	3640	8800
2018	420000	14200	39600	4940	9800

Q.17. What will be the average for the rent paid by Mr. A for all the five years together?

1. 30600
2. 30200
3. 29800
4. 30006
5. 30060

Q.18. what will be the ratio of the amount spent on groceries for the year 2014 to the amount spent on fuel for the year 2017?

1. 240 : 90
2. 214 : 92
3. 242 : 92
4. 240 : 91
5. 245 : 91

Q.19. What will be the savings that Mr. A made per month for the year 2015?

1. 291510
2. 219550
3. 292551
4. 291550
5. None of these

Q.20. If the monthly salary of Mr. A for the year 2019 increases by 25% what will be his new salary?

1. 500000
2. 535000
3. 525000
4. 535000

5. 505000

Directions 21-21 What will come at the place of question mark (?) in the following series?

Q.21.

11826, 3942, 1314, 438, ?

1. 142
2. 146
3. 346
4. 402
5. 284

Q.22.

25, 26, 40, 81, ?

1. 204
2. 192
3. 162.5
4. 203.5
5. 205.5

Q.23. 5 kg of Sugar at ₹6 per kg is mixed with 4 kg of sugar to get a mixture costing ₹7 per kg. Find the price of costlier Sugar?

1. 8.42
2. 8.25
3. 8.04
4. 8.52
5. 8.75

Direction 24-25. in the following question two quadratic equations are given solve the equation and mark the correct answer.

Q.24.

- I. $x^2 - 18x + 45 = 0$
- II. $y^2 - 3y - 10 = 0$

1. $X > Y$
2. $Y > X$
3. $X \geq Y$
4. $Y \geq X$
5. $Y = x$ or no relation

Q.25.

Equation I

$$3x^2 + 2x = 1$$

Equation II

$$11y^2 + 18y + 7 = 0$$

1. $X > Y$
2. $Y > X$
3. $X \geq Y$
4. $Y \geq X$
5. $Y = x$ or no relation

Answer Key

Q 1. 4	Q 2. 1	Q 3. 4	Q 4. 5	Q 5. 3
Q 6. 4	Q 7. 2	Q 8. 3	Q 9. 5	Q 10. 3
Q 11.4	Q 12. 2	Q 13.3	Q 14. 2	Q 15.3
Q 16.4	Q 17. 1	Q 18. 5	Q 19. 4	Q 20. 3
Q 21.2	Q 22. 4	Q 23. 2	Q 24. 5	Q 25. 3

Solutions

Solution (1-3):

Ashish	purple	Sky High
Divya	orange	Lake view
Manas	grey	Sky High
Udit	Yellow	Lake view
Preeti	Red	Sky High
Kiran	Pink	Green Homes
Jagriti	brown	Green Homes

Solution (4-5):

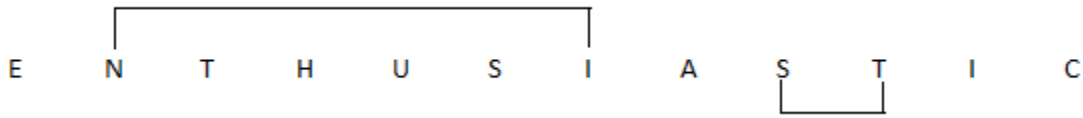
Clouds - si / ki
 Pour - si / ki
 rain - no
 He - bi
 Goes - mt
 stood - zi

Solution 6:

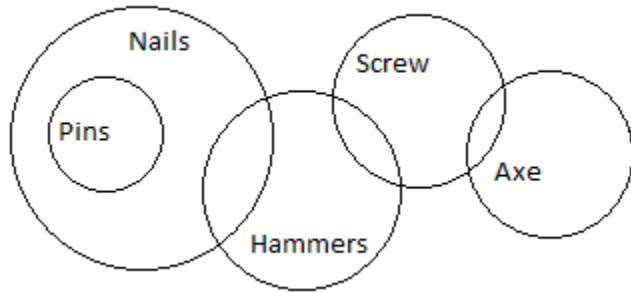
X is the son of L
 D is the son and C is the daughter of J
 C is married to X

Therefore, D is the brother-in-law of X.

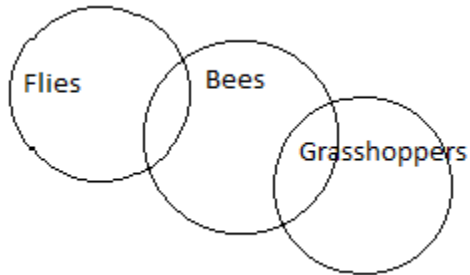
Solution 7:



Solution 8:



Solution 9:



Solution 17:

Average =
 $13000 + 25200 + 38400 + 36800 + 39600 = 153000$
 $153000 / 5 = 30600$

Solution 18.

Amount spent on groceries for the year 2014= 9800
 Amount spent on fuel for the year 2017= 3640
 \therefore the ratio of the two will be
 $9800/3640 = 245: 91$

Solution 19:

Savings of Mr. A for the year 2015 will be:
 Salary - (grocery + rent + fuel + taxes)

$$\begin{aligned} \therefore 342000 - (11200 + 25200 + 3250 + 10800) \\ 342000 - 50450 \\ = 291550 \end{aligned}$$

Solution 20:

If the monthly salary of Mr. A for the year 2018 is 420000
Then, after 25% increment salary = 125% of 420000
 $\therefore 125/100 \times 420000 = 525000$

Solution 21:

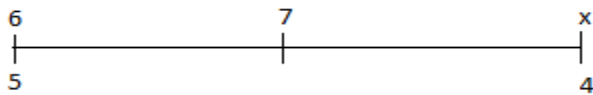
$$\begin{aligned} 11826/3 &= 3942 \\ 3942/3 &= 1314 \\ 1314/3 &= 438 \\ 438/3 &= 146 \end{aligned}$$

Solution 22:

$$\begin{aligned} 25 \times 1 + 1 &= 26 \\ 26 \times 1.5 + 1 &= 40 \\ 40 \times 2 + 1 &= 81 \\ 81 \times 2.5 + 1 &= 203.5 \end{aligned}$$

Solution 23.

Using Straight Line Method:



4 corresponds to $7 - 6$ and 5 corresponds to $x - 7$.

$$4 \rightarrow 1$$

$$\therefore 5 \rightarrow 1.25$$

$$\text{Hence, } x - 7 = 1.25$$

$$\text{And } x = 8.25$$

Solution 24:

Equation I :

$$\begin{aligned} x^2 - 18x + 45 &= 0 \\ X^2 - 15x - 3x + 45 &= 0 \\ x(x - 15) - 3(x - 15) \\ x &= 15 \text{ or } 3 \end{aligned}$$

Equation II:

$$\begin{aligned} y^2 - 3y - 10 &= 0 \\ y^2 - 5y + 2y - 10 &= 0 \\ y(y - 5) + 2(y - 5) &= 0 \\ y &= 2 \text{ or } 5 \end{aligned}$$

Solution 25:

Equation:

$$3x^2 + 2x = 1$$

$$3x^2 + 2x - 1 = 0$$

$$3x^2 + 3x - x - 1 = 0$$

$$3x(x + 1) - 1(x + 1) = 0$$

$$X = \frac{1}{3} \text{ or } -1$$

Equation:

$$11y^2 + 18y + 7 = 0$$

$$11y^2 - 11y + 7y + 7 = 0$$

$$11y(y + 1) + 7(y + 1)$$

$$Y = -\frac{7}{11} \text{ or } -1$$

