

## SSC CGL Mock Test 2

**Q 1.** ₹370 is to be divided among 20 boys, 12 women, and 10 men such that each man gets an amount equal to the amount received by one boy and one woman together. The amount received by each woman is twice the amount received by each boy. What will be the amount received by 10 men?

- A. ₹120
- B. ₹132
- C. ₹145
- D. ₹150
- E. ₹152

**Q 2.** The average monthly expenditure of a group of friends was ₹2200 during the first 3 months. The expenditure was ₹2250 during the next 4 months and ₹3120 during the last 5 months of the year. The total savings for the whole year were ₹1260, find the average monthly income for the group of friends.

- A. ₹2600
- B. ₹2700
- C. ₹2560
- D. ₹2345
- E. ₹2705

**Directions (3-5):** Read the data given below carefully and answer the following questions:

The table below gives details regarding five societies and the percentage of men, women and children living in the society.

Society	Total number of people	Men	Women	Children
S	4900	41	42	17
T	5200	39	48	13
U	6020	25	65	10
V	4850	44	34	22

**Q 3.** What is the total number of children living in society T and V together?

- A. 1777
- B. 1743
- C. 1700
- D. 1667
- E. 2000

**Q 4.** Total number of people staying in society T forms approximately what percent of the total number of people living in society V?

- A. 104%
- B. 102.5%
- C. 107.2%
- D. 110.34%
- E. None of the above

**Q 5.** What is the total number of men staying in society U and the number of women staying in society T together?

- A. 4001
- B. 4000
- C. 4002
- D. 4004
- E. 5000

**Directions (6-7):** What will replace the question mark (?) in the question given below:

**Q 6.**  $(? - 2762.99) \div 86.05 \times 12.98 = 208.11$

- A. 4132
- B. 4111
- C. 4133
- D. 5132
- E. 4139

**Q 7.**  $12.98 \times 252.03 \div 41.90 + 170.11 = ? + 46.988$

- A. 200
- B. 201
- C. 202
- D. 203
- E. 204

**Q 8.** The ratio between the ages of Natasha and Shivani is 5:6 respectively. If the ratio between the one third age of Natasha and half of Shivani's age is 5:9, then what is Shivani's age?

- A. 15 years
- B. 21 years
- C. Cannot be determined
- D. 14 years
- E. None of the above

**Q 9.** When 20% of a number is added to another number, the number increases by 50%. What is the respective ratio between the first and the second number?

- A. 2:5
- B. 4:5
- C. 5:4
- D. 5:2
- E. 1:3

**Directions (10-11):** Given below are two statements followed by two conclusions. Based on the conclusions, answer the following questions:

**Q 10.**

**Statements:**

All black are white

All grey are white

**Conclusion I:** All grey are black

**Conclusion II:** Some white is not grey.

- A. Only conclusion I follows
- B. Only conclusion II follows
- C. Both conclusion I and II follow
- D. Neither conclusion I nor II follow
- E. Either conclusion I or II follows

**Q 11.**

**Statements:**

Some gold are silver.

Some silver are bronze

**Conclusion I:** Some bronze are not gold

**Conclusion II:** Some bronze are gold

- A. Neither conclusion I nor II follow
- B. Either conclusion I or II follows
- C. Only conclusion I follow
- D. Only conclusion II follows
- E. Both conclusion I and II follow

**Directions (12-14):** Read the information given below and answer the following questions:

Arti, Bhavya, Chaitanya, Divya, Kavya, Lalit and Manasvi live in a seven floored building but not necessarily in the same order. The lowermost floor of the building is numbered one and the one above that is numbered two and so on. The top most floor is seven. Each one of them likes different games namely- table tennis, badminton, chess, volleyball, cricket, hockey and polo (not necessarily in the same order).

Only three people live between Bhavya and Kavya. Bhavya lives on one of the floors above Kavya. Kavya does not live on the lowest most floor. Only one person lives in between Bhavya and the one who likes chess.

Only two people live between Manasvi and the one who likes chess. The one who likes table tennis lives immediately above Manasvi. Arti lives immediately above Lalit. Arti does not like chess.

The one who likes volleyball lives on one of the odd numbered floors below Lalit. Manasvi does not like volleyball. Divya lives on one of the floors above Chaitanya. One person lives between the one who likes hockey and the one who likes cricket. Divya does not like cricket. Manasvi does not like badminton.

**Q 12.** Which among the given combinations is incorrect?

- A. Lalit-cricket-7th floor
- B. Manasvi-cricket-2nd floor
- C. Divya-hockey-4th floor
- D. Kavya-Table tennis-3rd floor
- E. Arti-polo-6th floor

**Q 13.** How many live between Lalit and the one who likes Table tennis?

- A. Two
- B. One
- C. Three
- D. None
- E. More than four

**Q 14.** On which floor does the one who likes playing cricket lives?

- A. 1st floor
- B. 7th floor
- C. 5th floor
- D. 6th floor
- E. 2nd floor

**Q 15.** In a certain code language 'EXAMINATION' is written as 'FYBNJOBHUPM'. Which word would be coded as 'QPQVMBS'?

- A. ANALYSE
- B. FRIENDS
- C. ROUTINE
- D. POPULAR
- E. PATIENT

**Q 16.** From his house, Lokesh went 15 km to the North. Then he turned West and covered 10 km. Then, he turned South and covered 5 km. Finally, turning to the East, he covered 10 km. In which direction is he from his house?

- A. North - west
- B. North
- C. West
- D. South - east
- E. East

**Directions (17-18):** Read the information given below and answer the following questions:

In a certain code language 'trains are always late' is written as 'mn fn bn gn'.

'Drivers were always punished' is written as 'gn dn cn hn'.

'Drivers stopped all trains' is written as 'bn cn vn rn'

'All passengers were late' is written as 'dn kn fn vn'

**Q 17.** What will be the code for 'drivers'?

- A. Kn
- B. Vn
- C. Fn
- D. Hm
- E. Cn

**Q 18.** What will be the code for 'drivers late always'?

- A. Kn vn cn
- B. Cn gn fn
- C. Cn dn bn
- D. Rn vn dn
- E. Gn mn fn

**Direction (19-20):** Fill in the blanks with the correct words chosen from the alternatives given below:

**Q 19.** Gender rights activists have long protested its\_\_\_\_\_ society that essentially\_\_\_\_\_ women from travelling alone, marrying without the permission of the father, husband or any male relative, who is called their\_\_\_\_\_

- A. Tyrannical, prevents, dictators

- B. pre-Adamite, encourages, custodian
- C. Venerable, eradicates, principal
- D. Patriarchal, prohibits, guardian

**Q 20.** There are ten numbered words given in the question below. Pick the pair of words that are synonymous.

- (i) variorum (ii) animadvert
- (iii) pique (iv) entelechy
- (v) palisade (vi) cavalier
- (vii) syncope (viii) impuissance
- (ix) rambunctious (x) depredation

- A. I and ix
- B. vi and viii
- C. iv and viii
- D. ii and x
- E. None of the above

**Q 21.** Each of the following questions has a paragraph from which the last sentence has been deleted. From the given options, choose the sentence that completes the paragraph in the most appropriate way.

There is no drug in the world that can be declared 100% safe, but a series of studies published in early September raises doubts on how researchers gather data on the safety and effectiveness of medications. The studies also raises questions on how the Food and Drug Administration (FDA) analyses this material before the approval of a drug. Two new trials question the effectiveness and the safety of the well-known diabetes drug Avandia or Rosiglitazone by showing that the blood-sugar-controlling medication raises the risk of heart disease in Type 2 diabetes patients.

- A. Similar questions were raised with respect to another best-selling class of drugs, the cholesterol-lowering medications known as statins
- B. The study questions whether statins is capable of reducing the risk of a disease-free patient dying from a first-time heart attack
- C. The back-and-forth over both drugs only elucidates the fact that the most compelling data regarding new drugs emerge only after it hits the shelves.
- D. It's frustrating to see that a drug this dangerous being aggressively marketed and particularly to people who already suffer a debilitating ailment.
- E. The results confirm previous data on the potentially dangerous risks of a drug that has been used widely since 1999.

**Q 22.** The word given below in capitals has been used in different ways. Choose the option corresponding to the sentence where the word has been used incorrectly.

**BOW**

- A. They bowed to us in the living room as though we were kings.
- B. The athlete decided to bow out of the competition when he saw who his opponents were
- C. She had manipulated the ribbons into little bows in a matter of minutes
- D. She was all bows and scrapes in front of the guests.

E. Her skin was youthful but her body was bowed by grief and anxiety

**Q 23.** Fill in the blanks with the correct words chosen from the alternatives given below

Less evident to outsiders, but obvious to those who live there, are a line of invisible walls that run down the middle of some streets in Belfast, which includes the \_\_\_\_\_ named Alliance Avenue driving home the fact that even though the war is over in Northern Ireland, normality proves to be \_\_\_\_\_

- A. Euphemistically, reliable
- B. Eulogistically, deficient
- C. Ironically, elusive
- D. Aptly, unreliable

**Q 24.** The word given below in capitals has been used in different ways. Choose the option corresponding to the sentence where the word has been used incorrectly.

**CROW**

- A. Our house is only a few kilometres from the river as the crow flies.
- B. It is alright to feel happy about your lot in life but you should avoid crowing about it.
- C. When she saw that she had persuaded her mom to come for the event she gave a little crow in triumph
- D. The pound's strength against the euro has largely reflected Britain's economic performance compared with that of the euro era- an achievement the finance minister never misses a chance to crow about.

**Q 25.** In the question below, there are five sentences or parts of sentences that form a paragraph. Identify the sentences or parts of sentences that is/are correct in terms of grammar and usage. Then choose the correct option.

- a. So long as there is desire, they are signs that there is imperfection
  - b. A perfect and free being can have no desire
  - c. God cannot want anything
  - d. If he desires, He cannot be God
  - e. So all this talk of God desiring this and that, of becoming angry and pleased in turns, is crazy talk
- 
- A. C and d
  - B. d and e
  - C. a and b
  - D. b, c and d

## Answer Key

Q 1. D	Q 2. E	Q 3. B	Q 4. C	Q 5. A
--------	--------	--------	--------	--------

Q 6. E	Q 7. B	Q 8. C	Q 9. D	Q 10. D
Q 11. B	Q 12. A	Q 13. B	Q 14. E	Q 15. D
Q 16. B	Q 17. E	Q 18. B	Q 19. D	Q 20. E
Q 21. D	Q 22. D	Q 23. C	Q 24. C	Q 25. A

## Solutions:

### Solution 1:

Let each boy get ₹x

Each woman gets ₹2x

Each man gets ₹3x

$$10 \times 3x + 12 \times 2x + 20x = 370$$

$$30x + 24x + 20x = 370$$

$$74x = 370$$

$$x = 370 / 74$$

$$x = 5$$

$$\text{Amount received by 10 men} = 30x = ₹(30 \times 5) = ₹150$$

### Solution 2:

$$\text{Total expenditure for the family} = ₹(2200 \times 3 + 2250 \times 4 + 3120 \times 5)$$

$$= ₹(6600 + 9000 + 15600)$$

$$= ₹31200$$

$$\text{Total yearly savings} = ₹1260$$

$$\text{Total yearly income} = ₹(31200 + 1260) = ₹32460$$

$$\text{Average monthly income} = ₹(32460 / 12)$$

$$= ₹2705$$

### Solution 3:

$$\text{Number of children in society T} = (13/100) \times 5200 = 676$$

$$\text{Number of children in society V} = (22/100) \times 4850 = 1067$$

$$\text{Total number of children} = 676 + 1067 = 1743$$

### Solution 4:

$$\text{Number of people living in society T} = 5200$$

$$\text{Number of people living in society V} = 4850$$

$$\text{Percentage} = (5200/4850) \times 100 = 107.2\%$$

### Solution 5:

$$\text{Number of men living in society U} = (25/100) \times 6020 = 1505$$

$$\text{Number of women living in society T} = (48/100) \times 5200 = 2496$$

$$\text{Total number of men living in society U and women living in society T} = 1505 + 2496 = 4001$$

### Solution 6:

$$(? - 2762.99) \div 86.05 \times 12.98 = 208.11$$

$$\Rightarrow (? - 2763) \div 86 \times 13 = 208$$



$$\begin{aligned}\Rightarrow (? - 2763) \div 86 &= 208 \div 13 \\ \Rightarrow (? - 2763) &= 16 \times 86 \\ \Rightarrow ? &= 1376 + 2763 \\ \Rightarrow ? &= 4139\end{aligned}$$

**Solution 7:**

$$\begin{aligned}12.98 \times 252.03 \div 41.90 + 170.11 &= ? + 46.988 \\ 13 \times 252 \div 42 + 170 &= ? + 47 \\ 13 \times 6 + 170 &= ? + 47 \\ 78 + 170 &= ? + 47 \\ 248 &= ? + 47 \\ ? &= 201\end{aligned}$$

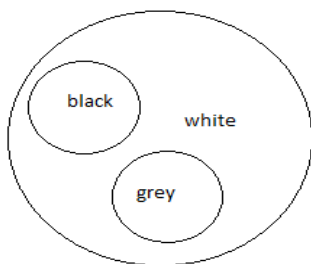
**Solution 8:**

Let Natasha's age be  $5x$  years  
Let Shivani's age be  $6x$  years  
According to question,  $(\frac{1}{3} \times 5x) : (\frac{1}{2} \times 6x) = 5:9$   
 $\Rightarrow [5x / (3 \times 3x)] = 5/9$   
Since age cannot be in fraction, therefore, Shivani's age cannot be determined

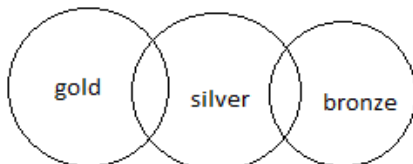
**Solution 9:**

Let the two numbers be  $a$  and  $b$   
 $b + 20\%$  of  $a = 150\%$  of  $b$   
 $\Rightarrow b + 20/100a = 150/100b$   
 $\Rightarrow b + a/5 = 3/2b$   
 $\Rightarrow b/2 = a/5$   
 $\Rightarrow a:b = 5:2$

**Solution 10:**



**Solution 11:**



**Solution (12-14):**

7	Bhavya	Badminton
---	--------	-----------



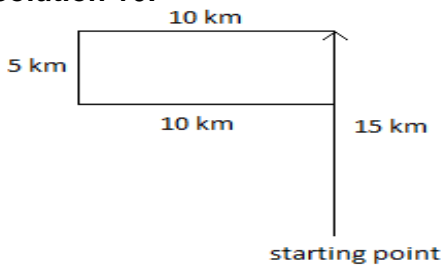
6	Arti	Polo
5	Lalit	Chess
4	Divya	Hockey
3	Kavya	Table tennis
2	Manasvi	Cricket
1	Chaitanya	Volleyball

**Solution 15:**

E(+1) X(+1) A(+1) M(+1) I(+1) N(+1) A(+1) T(+1) I(+1) O(+1) N(+1)  
F Y B N J O B U H P M

P(+1) O(+1) P(+1) U(+1) L(+1) A(+1) R(+1)  
Q P Q V M B S

**Solution 16:**



**Solution 17:**

Drivers - cn

**Solution (18):**

Drivers - cn

Always - gn

Late - fn

**Solution 21:** Choice (D) merely indicates that the present findings are reiterations of earlier findings while other choices does not relate to such a concern.

**Solution 22:** The usage of the word “bow” is incorrect in Choice (D). The correct idiom is ‘bow and scrape’ which is to be used as a verb which means to be excessively polite or obsequious.

**Solution 23:** The conflict in the streets brings out the irony in the name ‘Alliance Avenue’ which refers to cooperation and even though the war is over, normalcy is yet to be restored. Thus choice (C) is the right option for this.

**Solution 24:** The correction required in C is ‘a little crow of triumph’ (in triumph is incorrect) This refers to a sound, expressive of pleasure. Hence, choice (C) has the incorrect usage.

**Solution 25:** In choice (a) the use of the conjunction 'or' in the phrase 'desire or want' indicates that we are choosing one out of the two. This means that the structure of the second clause should be in the singular and should be read as 'it is a sure sign that....'.

