

## IRDA Mock Test 4

**Directions (Q.1 - Q.5):** In the following questions, each sentence has two blanks, indicating that something has been removed. Choose the pair of words that will better fit the meaning of the sentence as a whole.

**Q.1** The construction of the Millau Viaduct went \_\_\_\_\_ despite the \_\_\_\_\_ from the environmentalist.

1. Ahead - protests
2. Smooth - approval
3. Critical - demurral
4. Forward - benefits
5. Bad - good

**Q.2** The judge let him off with a \_\_\_\_\_ rather than a \_\_\_\_\_ sentence since it was his first prison offence.

1. Prison - fine
2. Fine - prison
3. Fine - warning
4. Reminded - verdict
5. Warning - reminder

**Q.3** In a society that abhors \_\_\_\_\_, a nonconformist is persistently \_\_\_\_\_

1. Creativity - glorified
2. Rebelliousness - suppressed
3. Insurgency - heeded
4. Smugness - persecuted
5. Stagnation - denigrated

**Q.4** Only if business continues to expand can it \_\_\_\_\_ enough new jobs to make up for those that will be \_\_\_\_\_ by automation

1. Produce - required
2. Invent - introduced
3. Create - eliminated
4. Repeat - reduced
5. Formulate - endangered

**Q.5** He \_\_\_\_\_ the practices of aggressive autograph seekers, arguing that anyone distinguished enough to merit such \_\_\_\_\_ also deserved to be treated courteously.

1. Decried - adulation
2. Defended - adoration
3. Endorsed - brusqueness
4. Ignored - effrontery
5. Vilified - disdain

**Directions Q.6 - Q.8:** The following questions consist of a single sentence with one blank. You are given six words as answer choices and from these, you have to pick the correct answers, either of which will make the sentence complete.

**Q.6** Drugs worth ₹3 lakhs were \_\_\_\_\_ from the apartment by the police

- (A) Manufactured
- (B) Ruptured
- (C) Seized
- (D) Confiscated
- (E) Bought
- (F) Compared

- (1) A and D
- (2) B and C
- (3) C and E
- (4) E and F
- (5) C and D

**Q.7** A man reportedly \_\_\_\_\_ two passports with the same photograph, but under different names was arrested by the commissioner's Task Force.

- (A) Possessing
- (B) Examining
- (C) Surrendering
- (D) Mastering
- (E) Holding
- (F) Fixating

1. B and C
2. C and F
3. A and E
4. A and D

5. D and E

**Q.8** An organisation\_\_\_\_\_ to the mission of road safety has prepared an action plan for reducing accidents and related injuries and fatalities

- A. Specified
- B. Inaugurated
- C. Committed
- D. Kicked off
- E. Succumbed
- F. Dedicated

1. C and F
2. A and E
3. C and E
4. D and F
5. A and C

**Directions Q.9 - Q.12:** Study the problems and answer the questions below:

**Q.9** Pointing towards a person, a man said to a woman “His mother is the only daughter of your father.” How is the woman related to that person?

1. Daughter
2. Sister
3. Mother
4. Wife
5. Cannot be determined

**Q.10** Pointing to a lady in the photograph, Shanthy said, “Her son’s father is the son-in-law of my mother.” How is Shanthy related to the lady?

1. Aunt
2. Sister
3. Mother
4. Cousin
5. None of these

**Q.11** Chigar introduces Bala as the son of the only brother of his father's wife. How is Bala related to Chigar?

1. Cousin
2. Son
3. Uncle
4. Son-in-law
5. Brother

**Q.12** Rija told Abirami, "The girl I met yesterday at the beach was the youngest daughter of the brother-in-law of my friend's mother". How is the girl related to Rija's friend?

1. Cousin
2. Daughter
3. Niece
4. Friend
5. Aunt

**Directions Q.13 to Q.17:** Read the following information to answer the given questions:

(i) B, C, D, E, F, G and H are playing cards sitting around a circular table

(ii) E is not the neighbour of D or F

(iii) B is the neighbour of C and D

(iv) H, who is second to the left of E, is the neighbour of F and G

**Q.13** Which of the following is correct?

1. C is between B and E
2. E is between G and H
3. F is to the immediate right of H
4. G is to the immediate left of H
5. None of these

**Q.14** Which of the following has the pair with the second person sitting to the immediate right of the first person?

1. CE
2. HG
3. FD
4. BF
5. None of these

**Q.15** Which of the following will be E's position after F and E interchange their places?

1. Neighbour of H and D
2. To the immediate left of D
3. To the immediate right of G
4. The Neighbour of D and B
5. None of these

**Q.16** What is the position of D?

1. Second to the left of C
2. Third to the right of G
3. To the immediate left of B
4. To the immediate right of F
5. None of the above

**Q.17** Which of the following has the second person sitting between the first and third persons?

1. EBC
2. HDF
3. CDB
4. HGE
5. None of these

**Directions Q.18 - Q.25:** Study the problems in order to answer the question below.

**Q.18** The average of the first fifteen natural numbers is

1. 8.5
2. 7.5
3. 6.5
4. 8
5. 6.2

**Q.19** The average of the first ten whole numbers is

1. 4.5
2. 5
3. 5.5
4. 4
5. 6

**Q.20** The average of the first ten even numbers is

1. 18
2. 22
3. 9
4. 11
5. 23

**Q.21** Which of the following is the largest number?

1. 40% of 400
2. 5% of 800
3. 1000% of 4
4. 200% of 9
5. 300% of 20

**Q.22** If 30% of a number is 300, then 50% of that number is:

1. 400
2. 125
3. 150
4. 500
5. 600

**Q.23** If 25% of  $x = 30\%$  of  $y$ , then find the value of  $x$  if  $y = 5000$

1. 2000
2. 3000
3. 4000
4. 6000
5. 80000

**Q.24** The HCF of two numbers is 24 and the other two factors of their LCM are 25 and 31. Find the larger number

1. 456
2. 744
3. 674
4. 245
5. 868

**Q.25** If three numbers are in the ratio 3: 5: 6 and their LCM is 2160, then find their HCF

1. 16
2. 18
3. 24
4. 22
5. 20

## Answer Key

Q. 1 - 1	Q. 2 - 2	Q. 3 - 2	Q. 4 - 3	Q. 5 - 1
Q. 6 - 5	Q. 7 - 3	Q. 8 - 4	Q. 9 - 3	Q.10 - 2
Q. 11 - 1	Q. 12 - 1	Q. 13 - 1	Q. 14 - 2	Q. 15 - 1
Q. 16 - 5	Q. 17 - 4	Q. 18 - 4	Q. 19 - 1	Q. 20 - 4
Q. 21 - 1	Q. 22 - 4	Q. 23 - 4	Q. 24 - 2	Q. 25 - 5

## Solutions

### Solutions Q.1 - Q.5

**Solutions 1:** (1) Go ahead = proceed or be carried out. Protests = objections; complaints

**Solutions 2:** (2) Prison = a system of keeping people in jails

**Solution 3:** (2) Rebelliousness = unwillingness to obey rules or accept normal standards of behaviours. Suppress = to put an end; quash

**Solution 4:** (3) Eliminate = to remove or get rid of something

**Solution 5:** (1) Decry = to strongly criticize somebody/ something. Adulation = admiration and praise.

### Solution Q.6 - Q.8

**Solution 6:** (5) The word Confiscate means : to officially take something away from someone

**Solution 7:** (3) The words Possess means to have or hold onto something

**Solution 8:** (4) The word Label means to describe someone/something in a particular way. The word Tout means to try to persuade people that somebody/ something is important or valuable by praising them/it.



### Solutions Q.9 - Q.12

**Solution 9:** (3) The only daughter of woman's father is she herself. So, the person is a woman's son, i.e. the woman is the person's mother. Hence, the answer is (3)

**Solution 10:** (2) Lady's son's father is lady's husband. So, the lady's husband is the son-in-law of Shanti's mother, i.e. the lady is the daughter of Shanti's mother. Thus, Shanti is the lady's sister.

**Solution 11:** (1) The relation can be analysed as follows:

Father's wife - Mother; Mother's brother - Uncle; Uncle's son - Cousin

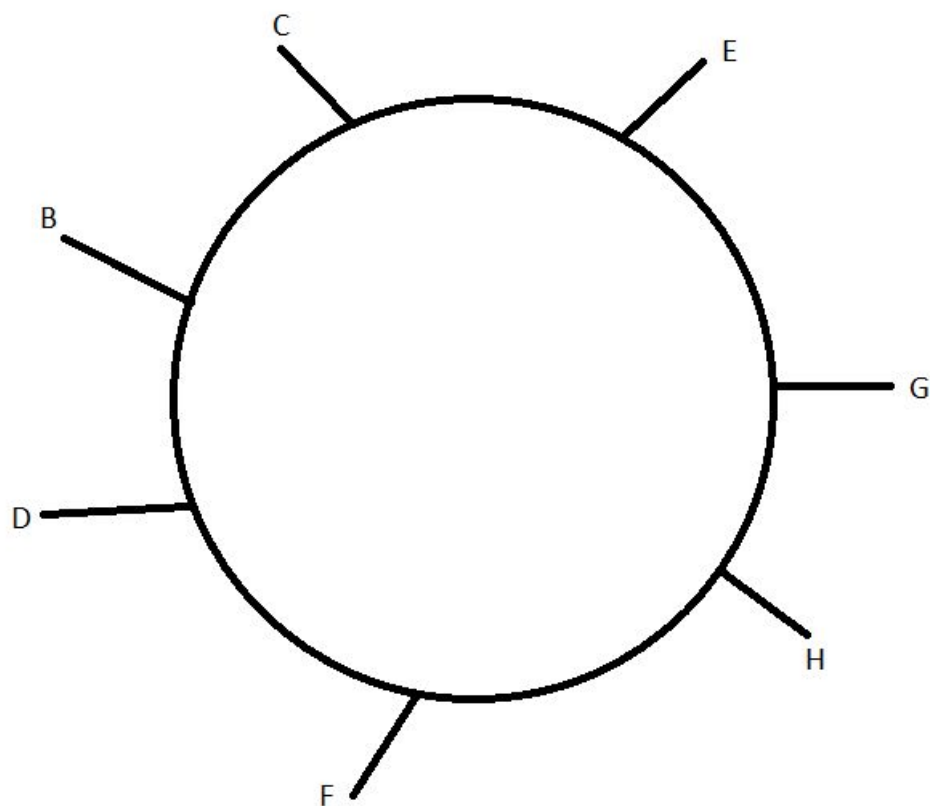
So, Chigar is Bala's cousin.

**Solution 12:** (1) The relation can be analysed as follows:

Daughter of brother-in-law - Niece; Mother's niece - Cousin

So, the girl is the cousin of Rija's friend.

## Solutions Q.13 - Q.17



**Solution 13:** (1) C is between B and E; E is between G and C; F is to the immediate left of H; G is to the immediate right of H

**Solution 14:** (2) E sits to the immediate left of C; D sits to the immediate left of F and F sits second to the right of B. But, G sits to the immediate right of H

**Solution 15:** (1) If E and F interchange places, then E's new position will be F's initial position which is H and D

**Solution 16:** (5) D's position is

- (i) second to the right of C
- (ii) third to the left of G
- (iii) to the immediate right of B
- (iv) to the immediate left of F

**Solution 17:** (4) B is between D and C; D is between B and F; G is between H and E.

**Solution 18:** (4) Required average =  $(1 + 2 + 3 + \dots + 15)/15 = 120/15 = 8$ . Alternately, formula for the sum of the first  $n$  natural numbers as  $n(n + 1)/2$  with  $n$  as 15, can be used. Then average =  $\text{Sum}/15 = (15 \times 16/2)/15 = 8$

**Solution 19:** (1) Required average =  $(0 + 1 + 2 + \dots + 9)/10 = 45/10 = 4.5$

**Solution 20:** (4)

Required average =  $(2 + 4 + 6 + 8 + 10 + 12 + 14 + 16 + 18 + 20)/10 = 110/10$ . The sum of the first  $n$  even natural numbers as  $n(n + 1)$  with  $n$  as 10. Then average =  $\text{Sum}/10 = 10 \times 11/10 = 11$

**Solution 21:** (1) It can be clearly seen that  $40\%$  of  $400 = 160$  is the highest number

**Solution 22:** (4)  $0.30N = 300 = > 1000$ . Thus,  $0.50 \times 1000 = 500$

**Solution 23:** (4)  $25\%$  of  $x = 30\%$  of  $5000$  or  $0.25x = 1500 = 6000$

**Solution 24:** Other two factors of LCM are 25 and 31, since they are co-prime therefore, the large number =  $31 \times \text{HCF of two numbers} = 31 \times 24 = 744$  (2)

**Solution 25:** (5) Let the three numbers be  $3x$ ,  $5x$  and  $6x$

So their HCF =  $x$  and LCM =  $3 \times 5 \times 6 \times X = 2160 \Rightarrow x = 24$