

RBI Assistant Mock Test - 3

Directions for Q.1 to Q.5: Read the following information and answer the questions below:

- (i) B, C, D, E, F, G and H are sitting in a circle facing at the centre and playing cards.
- (ii) F is the neighbour of B and E
- (iii) H is not between G and D
- (iv) G is to the immediate right of B

Q.1 Which of the following does not have the following pair of persons who are sitting adjacent to each other?

- 1. CB
- 2. DC
- 3. EF
- 4. FE
- 5. None of these

Q.2 Which of the following pairs has the second person sitting immediately to the right of the first?

- 1. BC
- 2. DC
- 3. FB
- 4. EF
- 5. None of these

Q.3 What is the position of G?

- 1. Third to the left of D
- 2. Second to the right of D
- 3. To the immediate left of B
- 4. To the immediate right of C
- 5. None of these

Q.4 Who are the neighbours of C?

- 1. B and G

2. D and E
3. G and D
4. Data inadequate
5. None of these

Q.5 Which of the following persons are sitting adjacent to each other from left to right in the order as shown?

1. CHD
2. GCD
3. DEF
4. FEH
5. None of these

Directions for Q.6 to Q.8: In each of the following questions, arrange the given words in a meaningful sequence and then choose the most appropriate sequence for amongst the options given below

Q.6 Arrange the following in a meaningful sequence:

- A. Consultation
 - B. Illness
 - C. Doctor
 - D. Treatment
 - E. Recovery
-
1. B, C, A, D, E
 2. B, C, D, A, E
 3. D, C, A, B, E
 4. E, A, D, C, B
 5. E, C, B, D, A

Q.7 Arrange the following in a logical order.

- A. Birth
 - B. Death
 - C. Funeral
 - D. Marriage
 - E. Education
-
1. A, C, D, E, B
 2. A, E, D, B, C

3. B, C, D, E, A
4. D, E, C, A, B
5. E, B, A, C, D

Q.8 Arranging the following in a meaningful order, from particular to general:

- A. Family
- B. Community
- C. Member
- D. Locality
- E. Country

1. C, A, B, D, E
2. C, A, B, E, D
3. C, A, D, B, E
4. C, A, D, E, B
5. D, C, B, E, A

Directions for Q.9 and Q.10: There are two blanks in each of the following sentences. From the pairs of words given below each sentence choose the pair that fills the blanks most appropriately.

Q.9 We have never been keen on drawing attention to ourselves; it doesn't mean, however, that we are a nation of _____ because we have always welcomed the world, not just with a smile but making our island home as _____ as possible through well connected transport systems.

- (1) Recluses, accessible
- (2) Diffidends, hospitable
- (3) Bigheads, unique
- (4) Regressives, relaxed
- (5) Dissidents, affable

Q.10 When you are in charge of an organisation in the middle of a recession, you are undoubtedly introducing major changes and _____ encountering resistance to them, but your biggest critic can be turned into your staunch _____ if you have the patience to listen carefully.

- (1) Undeniably, friend
- (2) Rigorously, confidant
- (3) Practically, employee
- (4) Inevitably, advocate
- (5) Ultimately, defender

Directions for Q.11 -Q.14: In the following question, the words in capitals is used in four different ways. Choose the option in which there is an incorrect or inappropriate usage.

Q.11 RECESS

1. The table was pushed into a recess in the wall
2. The sage withdrew into the recess of the silent alpine forest
3. The courses in the college resumed after a month's recess
4. The meeting recessed at 2:30 pm
5. The recess timings were abhorrent to say the least

Q.12 DRAW

1. As the train draws into the station, the crowd surges forward.
2. Our current lifestyle is bound to draw down fossil fuel reserves
3. Suresh has certain unique talents to draw from
4. The argument grew heated but I didn't want to be drawn in
5. The battle was drawing to a close with no winners in sight

Q.13 RUN

1. I must run fast to catch up with her.
2. Our team scored a shot against the run of play
3. You cannot run over him like that
4. The newly released album by the singer is enjoying a popular run
5. This film is the usual run-of-the-mill production

Q.14 ROUND

1. The military fired a barrage of white phosphorus rounds
2. The house is located round the corner
3. We took a round on the ferris wheel
4. The doctor is on a round right now
5. I shall only proceed further when you come around to admitting it

Directions (Q.15 - Q.16): The sentences given in the following questions, when properly sequenced, form a coherent paragraph. Each sentence is labelled with a letter. From among the four choices choose the most logical order of sentences to form a coherent paragraph.

Q.15

- (a) The very same writers who lament fragmentation also seek freedom - yet overlook the freedom of those who are bound together in totalistic relationships
- (b) Before lamenting modularization, it is necessary to ask whether we would really prefer to the traditional condition of man in which each individual is presumed to be related to the whole personality of a few people rather than to the personality modules of many.
- (c) The more intimately involved in a relationship, the greater the parties exert on one another to fulfill these exceptions
- (d) Traditional man has been so sentimentalized so cloyingly romanticized , that we frequently overlook the consequences of such a return
- (e) For any relationship implies mutual demands and expectations

- 1. ceabd
- 2. badec
- 3. aecdb
- 4. baced
- 5. decab

Q.16

- (a) The new forms of entanglement are a consequence of migratory processes, as well as material and immaterial worldwide communications systems, along with economic interdependencies and dependencies.
- (b) Today's cultures are extremely interconnected with each other
- (c) It is here, of course that question of power comes in
- (d) The way of life for an economist, an academic is no longer Spanish or Russian, but European and global in nature
- (e) Lifestyle no longer end at the borders of national cultures but go beyond these and are the same way in other cultures

- 1. bedac
- 2. baced
- 3. adebc
- 4. ebacd
- 5. ecdab

Directions for Q.17 - Q.24: Solve the following problems by studying the question given below

Q.17 In a group of bisons and geese, the number of legs is 24 more than twice the number of heads. What is the number of bison in the group?

1. 6
2. 8
3. 10
4. 12
5. 7

Q.18 Drogo has some ducks and some bullocks. If the total number of animal heads is 59 and the total number of feet is 190, how many bullocks does Drogo have?

1. 23
2. 32
3. 36
4. 25
5. Cannot be determined

Q.19 There are some parakeets and some jaguars in a forest. If the total number of animal heads in the forest is 858 and the total number of animal legs is 1846, what is the number of parakeets in the forest?

1. 800
2. 833
3. 845
4. 793
5. 782

Q.20 A certain number of donkeys and an equal number of men are going somewhere. Half of the owners are on their donkey's back while the remaining ones are walking along their horses. If the number of legs walking on the ground is 70, then how many donkeys are there?

1. 10
2. 12
3. 14
4. 16
5. Cannot be determined

Q.21 A railway ticket costs half the full fare and the reservation charge is the same on half ticket as on full ticket. One reserved first class ticket from Bangalore to Kochi costs ₹ 216 and one full reserved and one half reserved first class tickets cost ₹ 327. What is the basic first class full fare and what is the reservation charge?

1. ₹ 105, ₹ 6
2. ₹ 216, ₹ 12
3. ₹ 210, ₹ 6
4. ₹ 210, ₹ 12
5. ₹ 215, ₹ 15

Q.22 An employee may claim ₹ 7 for each km when he travels by taxi and ₹ 6 for each km if he drives his own car. If one week he claimed ₹ 675 for travelling 90 km, how many km did he travel by taxi?

1. 135
2. 155
3. 162
4. 170
5. 189

Q. 23 In a party 15 people shake their hands with each other. How many times did the hand-shakes take place?

1. 105
2. 120
3. 135
4. 165
5. 185

Q.24 In a group of children, each child exchanges a gift with every other child. If the number of gifts is 132, then the number of children in the group is

1. 10
2. 11
3. 12
4. 13
5. 15

Q 25. The wages of labourers in a factory has increased in the ratio 22:25 and their number is decreased in the ratio 3:2. What was the original wage bill of the factory if the present bill is Rs.5000?

1. Rs.5500

2. Rs.6200
3. Rs.6600
4. Rs.5800
5. Rs.5400

Answer Key

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

Solutions

Solution Q.1 - Q.5

G is to the immediate right of B

F is the neighbour of B and E , i.e. F is between B and C

H is not between G and D. So, C is between G and D

Thus, the arrangement is as shown in the adjoining figure

Solution 1: (1) Each one of DC, EF and HE is a pair of persons sitting adjacent to each other, while CB is not

Solution 2: (3) C is second to the right of B and to the immediate left of D, while H is to the immediate left of E. But B sits immediately to the right of F

Solution 3: (5) G sits (i) second to the left of D; (ii) to the immediate to the right of A and (iii) to the immediate left of C

Solution 4: (3) G and D are the neighbours of C

Solution 5: (2) Clearly, the required group should contain three persons who are sitting in three consecutive positions in an anticlockwise order. Such a group is GCD.

Solution Q.6 - Q.8

Solution 6: (1) It is clear that illness happens first. One then goes to a doctor and after consultation with him, undergoes treatment to finally attain recovery

Thus, the correct order B, C, A, D, E

Solution 7: (2) Clearly, the given words when arranged in the order of various events as they occur in a man's life form the sequence : Birth, Education, Marriage, Death, Funeral.

So the correct order becomes A, E, D, B, C

Solution 8: A member is part of a family, which in turn is a part of community. The community lives in a locality which lies within a country.

Thus, the correct order is C, A, B, D, E

Hence the answer is (1)

Solutions Q.9 - Q.10

Solution 9: The word 'accessible' is apt in the second blank because the sentence talks about well connected transport systems, while in the first blank the recluse is apt as it defines person who leads a solitary life and avoids other people. (1)

Solution 10: 'Inevitably' means unavoidably. Also the apt choice for the second blank is advocate, a positive form of a critic with which it contrasts (4)

Solutions Q.11 - Q.14

Solution 11: A recess is a secluded or inner area. The correction in 2 is into the recess of the silent pine forest', since no definite recess has been referred to. (2)

Solution 12: The correction in C is 'draw on' not 'draw from' (3)

Solution 13: 'Run over him; is the wrong usage. Hence option (3) is the correct usage

Solution 14: "You come around to admit something - "come round' is incorrect usage. (5)

Solution 15: The paragraph refers to the thinking of Spencer and Marx. Despite their intellectual differences had similar ideological leaning.

Solution 16: Statement 'b' introduces the topic. Statement 'e' extends the thought that lifestyles overlap in different cultures. Statement 'd' is more specific about lifestyles and exemplifies statement 'e'. Statement 'a' then follows with the explanation of why entanglements result. Statement 'c' concludes the paragraph. Choice 'b' is incorrect as it cannot come before statement 'e'. Thus choice 'c' - bedac' is the right choice.

Solutions for Q.17 - Q.24

Solution 17: Let the number of bisons be x and the number of geese be y

$$\text{Then, } 4x + 2y = 2(x+y) + 24 \Leftrightarrow 2x = 24 \Leftrightarrow x = 12 \text{ (4)}$$

Solution 18: Let the number of ducks be x and the number of bullocks be y .

$$\text{Then, } x + y = 59$$

$$\text{And } 2x + 4y = 190 \text{ or } x + 2y = 95$$

$$\text{Subtracting both we get } y = 36 \text{ (3)}$$

Solution 19: Let the number of parakeets be x and the number of jaguars be y .

$$\text{Then, } x + y = 858$$

$$\text{And } 2x + 4y = 1846 \text{ or } x + 2y = 923$$

$$\text{Subtracting the above two equations we get } y = 65$$

$$\text{Putting } y = 65 \text{ in (i), we get: } x = 858 - 65 = 793 \text{ (4)}$$

Solution 20: Let the number of donkeys be x . then , number of men = x

$$\therefore 4x + X/2 * 2 = 70 \Leftrightarrow 5x = 70 \Leftrightarrow x = 14 \text{ (3)}$$

Solution 21: Let the full fare be ₹ x and the reservation charge be ₹ y per ticket.

$$\text{Then, } x + y = 216 \text{ (i)}$$

And $3/2x + 2y = 327$ or $3x + 4y = 654$ (ii)

By multiplying (i) by 3 and subtracting from (ii), we get: $y = 6$. Putting $y = 6$ in (i), we get: $x = 210.9$ (3)

Solution 22: Let the distance travelled by tax be x km
Then, distance travelled by own car = $(90 - x)$ km

$$\therefore 7x = 6(90 - x) = 675 \Leftrightarrow x = 675 - 540 = 135 \text{ km (1)}$$

Solution 23: Clearly, first man shakes hands with all other 14 men; second man shakes hand with 13 men; third shakes hand with 12 men and so on.

$$\begin{aligned}\therefore \text{Total number of hand shakes} &= (14 + 13 + 12 + \dots + 1) \\ &= 14 \times 15 / 2 = 105 \text{ (1)}\end{aligned}$$

Solution 24: Let there be n children in the group. Then, first child exchanges gifts with other $(n - 1)$ children; second child exchanges gifts with other $(n - 2)$ children; and so on

$$\begin{aligned}\text{So, number of gifts} &= 2 [1 + 2 + \dots + (n - 1)] \\ &= 2 \times n(n - 1) / 2 = n(n - 1)\end{aligned}$$

$$\begin{aligned}\therefore n(n - 1) &= 132 \Leftrightarrow n^2 - n - 132 = 0 \\ &\Leftrightarrow n^2 - 12n + 11n - 132 = 0 \\ &\Leftrightarrow (n - 12)(n + 11) = 0 \Leftrightarrow n = 12 \text{ (3)}\end{aligned}$$

Solution 25:

Let the initial wage = $22x$
Final wage = $25x$
Let the initial labourers = $3y$
Final labourers = $2y$
Final bill = $25x \times 2y = 5000$
 $xy = 100$
Hence, the original wage bill = $22x \times 3y = 66xy = \text{Rs.}6600$

