

## IBPS SO Mock Test 3

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

Eight persons Deepali, Ahaana, Sonia, Garima, Harshdeep, Nikita, Jessica and Kriti are sitting around a circular table, facing inside the circle. Each person likes different fruits, viz Mango, Apple, Strawberry, Orange, Guava, Watermelon, Grapes and Banana, but not necessarily in the same order. The person who likes Banana sits third to the right of Ahaana. Nikita is an immediate neighbour of Ahaana. The one who likes Watermelon sits second to the right of Nikita. Jessica sits third to right of Deepali, who belongs neither likes Banana nor Watermelon. Only one person sits between Nikita and the one who likes Grapes. Kriti and Sonia are immediate neighbours of each other. Neither Kriti nor Sonia like Banana. The one who likes Apple sits second to the right of Kriti. There are two persons between Harshdeep and the one who likes Guava. Harshdeep does not like Banana. The one who likes Mango is not an immediate neighbour of the one who likes Banana. The person who likes orange sits second to the left of Kriti.

**Q 1.** How many people sit between Sonia and the one who likes Orange?

- A. Two
- B. Three
- C. One
- D. None
- E. Four

Answer: A

**Q 2.** Which of the given combinations are incorrect?

- A. Sonia - grapes
- B. Garima - banana
- C. Ahaana - mango
- D. Deepali - strawberry
- E. Harshdeep - orange

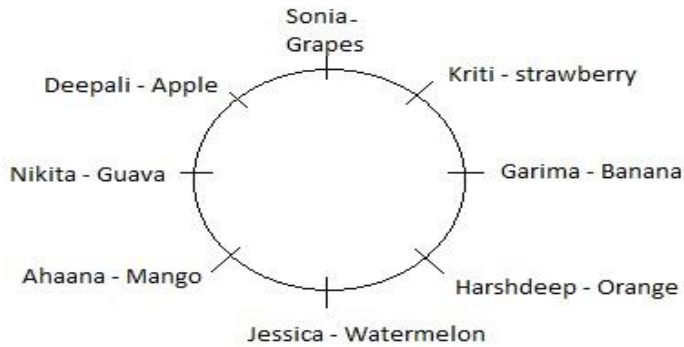
Answer: D

**Q 3.** Who sits second to left of the one who likes watermelon?

- A. Deepali
- B. Nikita
- C. The one who likes orange
- D. Garima
- E. None of the above

Answer: B

**Solution (1-3):**



**Directions (4-5):** Study the information given below carefully and answer the below mentioned questions.

In a certain code language 'table has three seat' is written as 'lu ch mi pa', 'four is blue seat' is written as 'to ra bc lu', 'purple and blue table' is written as 'sa kl ch bc', and 'purple four is good' is written as 'kl ct to ra'

**Q 4.** What is the code for 'blue purple'?

- A. mi pa
- B. to ra
- C. bc ch
- D. kl mi
- E. bc kl

Answer: E

**Q 5.** What is the code for 'four'?

- A. to
- B. ra
- C. kl
- D. either 'to' or 'ra'
- E. ch

Answer: D

**Solution (4-5):**

Table = ch	Seat = lu
Four = to/ra	Has = mi/pa
Is = to/ra	Three = mi/pa
Black = bc	And = sa
Purple = kl	Good = ct

**Q 6.** In a family, there are six members- P, Q, R, S, T and U. P and Q are a married couple, P is a male member of the family. P is brother of R and S is the son of R. Q is the daughter-in-law of U. Husband of U has died. T is the sister of S. How is P related to T?

- A. Aunt
- B. Father
- C. Sister
- D. Uncle
- E. Brother

Answer: D

**Solution 6:**

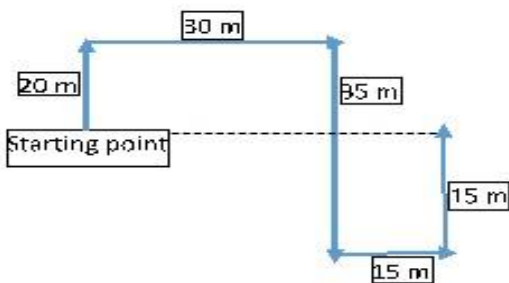
P is husband of Q  
R is father of S and T  
U is mother of P  
So, P is uncle of T

**Q 7.** Karan walks 20 m towards the north. He then turned right and walked 30 m. After that, he takes a right turn and walks 35 m. He then turns left and walks 15 m. Finally he walks 15m after taking a left turn. In which direction is Karan standing from the starting point and how many metres away?

- A. 40 m, east
- B. 40 m, west
- C. 35 m, north-east
- D. 42 m, south
- E. 45 m, east

Answer: E

**Solution 7:**



Distance = 30 + 15 = 45 m

**Directions (8-9):** The questions given below have three statements, followed by two conclusions. Study the information carefully and then answer the questions based on the statements.

**Q 8. Statement:** All shoes are pen  
Some pens are razor  
Some razors are desks

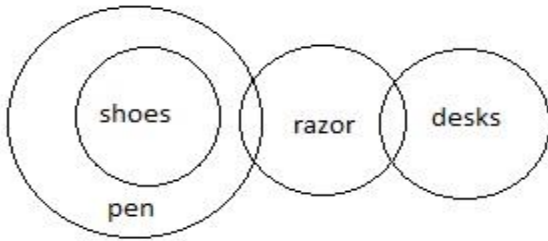
**Conclusion I:** Some desks are shoes

**Conclusion II:** Some razors are shoes

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

Answer: E

**Solution 8:**



**Q 9. Statement:** Some tablets are desktops  
Some desktops are laptops  
All laptops are mobile

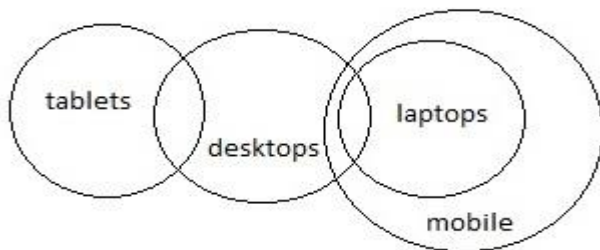
**Conclusion I:** Some tablets are laptops

**Conclusion II:** Some desktops are mobile

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

Answer: B

**Solution 9:**



**Q 10.** There are two blanks in the sentence given below. From the options given, choose the most appropriate to complete the sentence.

Recent years have brought minority-owned businesses in the United States \_\_\_\_\_ opportunities as well as new and \_\_\_\_\_ risks.

- A. preternatural, vast
- B. unprecedented, significant
- C. unparalleled, conventional
- D. idiosyncratic, sententious

Answer: B

**Q 11.** The five sentences numbered 1-5 need to be arranged in a logical order to form a meaningful paragraph. Read carefully and answer accordingly.

1. The once plain walls here have a new aura as frames holding different colours, themes and mediums adorn them.
2. Restaurants in the city are converting their walls into an exhibition space, displaying the works of different budding artists periodically.
3. For over two years now, Tangerine restaurant has been promoting works of artists who are looking for a platform for budding artists who need to add to their collection.
4. The works are exhibited on a no-cost basis, but the selected works do go through “some amount of objective judging”, by Illango’s Artspace.

5. These are not art galleries or the studio of an art lover, but restaurants that believe that a dash of artwork can do-up their interiors, simultaneously promoting the works of an artist.
- A. 15234
  - B. 23541
  - C. 12345
  - D. 14325

Answer: A

**Q 12.** There is a highlighted word given below used in four sentences in different ways. You need to choose the sentence in which the usage of word is inappropriate.

**WEAR**

- A. You should get years of wear out of that carpet.
- B. You're wearing off well—only a few grey hairs!
- C. These woollen suits are not designed for wear in hot climates.
- D. She wears her hair long.

Answer: B

**Q 13.** In the question, a related pair of words followed by four pairs of words are given. You have to choose the pair that best expresses a relationship similar to the one expressed in the question pair.

Reptile : Adder

- A. Skeleton : Flesh
- B. Dinosaur : Tyrannosaurus
- C. Plant : Genus
- D. Method : System

Answer: B

**Q 14.** There are six statements followed by four options in the sets of combinations of three. Pick the set in which the third statement logically follows from the first two.

- 1. Opels are fragile.
- 2. Marutis are fragile.
- 3. Zens are fragile.
- 4. Zens are Marutis
- 5. Marutis are Opels.
- 6. Opels are stable.

- A. 564
- B. 351
- C. 123
- D. 423

Answer: D

**Q 15.** In the question given below, the main statement given in bold is followed by four sentences each. Select a pair of sentences that logically relate to the given statement.

**When she eats berries she gets rashes.**

- 1. She ate berries
- 2. She did not get rashes.
- 3. She did not eat berries
- 4. She got rashes.

- A. 41

- B. 23
- C. 32
- D. None of these

Answer: B

**Directions (16-17):** In the question given below. One word aptly fits in the blank. Read the sentence carefully and then mark your answer:

**Q 16.** The chief economic advisor of the country recently observed that although the level of Indian economy was still below potential, it seemed to be picking up resiliently in terms of growth and very \_\_\_\_\_ stated that India was both a story of revival and risks.

- A. Elaborated
- B. Unsystematically
- C. Succinctly
- D. Clumsily
- E. Vaguely

Answer: C

**Q 17.** Reserve Bank of India (RBI) has finally liberalised the norms mentioned for the external commercial borrowing (ECB) that will allow Indian companies to access \_\_\_\_\_ funds from overseas markets.

- A. Cheaper
- B. Hefty
- C. Expensive
- D. Rich
- E. Ordinary

Answer: A

**Directions (18-20):** The table below gives details about the number of electronic products sold by five different vendors in Mumbai. Study the table given below carefully and answer the following questions.

Vendors	Number of Electronic Products			
	Refrigerator	Television	Air Conditioner	Washing Machine
L	43	32	12	27
M	21	44	8	31
N	60	24	15	62
O	49	17	24	32
P	47	15	25	42

**Q 18.** What is the average number of refrigerators sold by all the vendors together?

- A. 43
- B. 45
- C. 25
- D. 35

E. 44

Answer: E

**Solution 18:** Average =  $(43+21+60+49+47) / 5 = 44$

**Q 19.** What is the ratio of number of television sets sold by vendor M and N together to the number of washing machines sold by vendor O and P together?

A. 34:37

B. 2:3

C. 5:4

D. 9:17

E. 17:19

Answer: A

**Solution 19:** Total television sets sold by vendor M and N together =  $44+24 = 68$

Total number of washing machines sold by vendor O and P together =  $32+42 = 74$

Ratio:  $68:74 = 34:37$

**Q 20.** What is the ratio between the numbers of air conditioners sold by all the vendors together to the number of television sets sold by all the vendors together?

A. 2:3

B. 5:4

C. 7:11

D. 9:13

E. 6:7

Answer: C

**Solution 20:**

Total number of air conditioners sold by all vendors together =  $12+8+15+24+25 = 84$

Total number of television sets sold by all the vendors together =  $32+44+24+17+15 = 132$

Ratio =  $84:132 = 7:11$

**Q 21.** Prakhar is able to do a piece of work in 15 days and Arjun can do the same work in 20 days. If they can work together for 4 days, what is the fraction of work left?

A.  $4/15$

B.  $7/17$

C.  $2/15$

D.  $8/15$

E. None of the above

Answer: D

**Solution 21:** Work done by Prakhar in 1 day =  $1/15$

Work done by Arjun in 1 day =  $1/20$

Work done by Prakhar and Arjun in 1 day =  $1/15 + 1/20 = 7/60$

Work that Prakhar and Arjun can together do in 4 days =  $4 \times (7/60) = 7/15$

Fraction of work left =  $1 - 7/15 = 8/15$

**Q 22.** 6 years ago, the ratio of the ages of Rajat and Karan is 7:6. Present age of Kunal is 10 years more than one - sixth of Karan's present age. Find the ratio of present age of Karan and Kunal if Rajat's age after 6 years is 40 years.

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

Answer: E

**Solution 22:**

Rajat's age after 6 years = 40 years

Rajat's present age =  $40 - 6 = 34$  years

Ratio of ages of Rajat and Karan 6 years ago =  $(\text{Rajat} - 6) / (\text{Karan} - 6) = 7:6$

$$\Rightarrow 28 / (\text{Karan} - 6) = 7:6$$

$$\Rightarrow \text{Karan} - 6 = (28 \times 6) / 7$$

$$\Rightarrow \text{Karan} - 6 = 24$$

$\Rightarrow$  Karan's present age = 30 years

Present age of Kunal =  $(\frac{1}{6} \times 30) + 10 = 15$  years

Ratio of Karan and Kunal's present age =  $30:15 = 2:1$

**Directions (23-24):** Given below are two quadratic equations. Solve the equations and mark the correct option:

**Q 23.**

Equation I:  $2x^2 + 5x + 3 = 0$

Equation II:  $5y^2 + 6y + 1 = 0$

- A.  $x < y$
- B.  $x > y$
- C.  $x \leq y$
- D.  $y \leq x$
- E.  $x = y$

Answer: C

**Solution 23:**

Equation I:  $2x^2 + 5x + 3 = 0$

$$\Rightarrow 2x^2 + 2x + 3x + 3 = 0$$

$$\Rightarrow 2x(x+1) + 3(x+1)$$

$$\Rightarrow x = -1 / -3/2$$

Equation II:  $5y^2 + 6y + 1 = 0$

$$\Rightarrow 5y^2 + 5y + 1y + 1 = 0$$

$$\Rightarrow 5y(y+1) + 1(y+1) = 0$$

$$\Rightarrow y = -1 / -1/5$$

**Q 24.**

Equation I:  $a^2 + 12a + 36 = 0$

Equation II:  $b^2 + 14b + 40 = 0$

- A.  $x < y$
- B.  $x > y$
- C.  $x \leq y$
- D.  $y \leq x$
- E.  $x = y$  or no relation

Answer: E



**Solution 24:**

Equation I:  $a^2 + 12a + 36 = 0$

$\Rightarrow a^2 + 6a + 6a + 36 = 0$

$\Rightarrow a(a+6) + 6(a+6) = 0$

$\Rightarrow a = -6 / -6$

Equation II:  $b^2 + 14b + 40 = 0$

$\Rightarrow b^2 + 10b + 4b + 40 = 0$

$\Rightarrow b(1+10) + 4(1+10) = 0$

$\Rightarrow b = -4 / -10$

**Q 25.** Find the approximate value of:

$35.99 + 455.89 \div 3 + 42.01 - 109.99 = ?$

A. 110

B. 56

C. 98

D. 120

E. 155

Answer: D

**Solution 25:**

$36 + 456 \div 3 + 42 - 110$

$= 36 + 152 + 42 - 110$

$= 230 - 110$

$= 120$