



RBI ASSISTANT PRELIMS REASONING ABILITY



INSTRUCTIONS

- This RBI Assistant Pre Exam practice set of Reasoning Ability (Qs. 1-35)
- All the questions are compulsory.
- Each question has five options, of which only one is correct. The candidates are advised to read all the options thoroughly.

Reasoning Ability

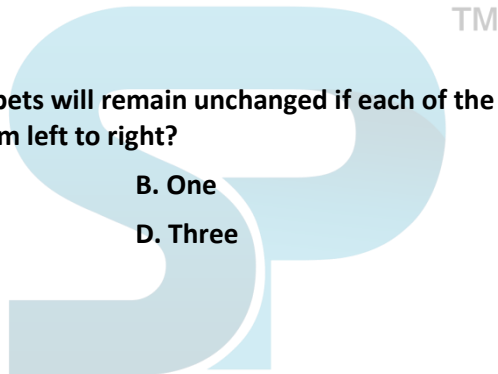
Direction: Which of the following will come in place of the question mark?

1. AC, BE, DH, ?, KQ

- A. GL
B. GK
C. HL
D. HM
E. None of these

2. The positions of how many alphabets will remain unchanged if each of the alphabets in the word PROACTIVE is arranged in alphabetical order from left to right?

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



Directions (3-7) Study the information given below and answer the questions based on it.

Eight boxes P, Q, R, S, T, U, V and W are kept one above another. Top position is 1st and bottom position is last. Three boxes are between S and Q. Box V is immediately above box S. 3 boxes are kept between R and P. Box R is above P. There are the same number of boxes between R and W as between W and S. One box is kept between V and U. Box U is below box V.

3. How many boxes are between P and Q?

- A. None
B. 1
C. 2
D. 3
E. 4

4. Which of the following box is at the top position?



- A. R
- C. T
- E. W
- B. P
- D. V

5. Which of the following box at the last but one position?

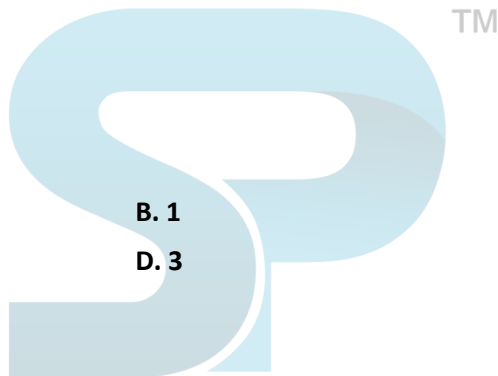
- A. V
- C. U
- E. W
- B. S
- D. P

6. Which of the following box is above box W?

- A. P
- C. S
- E. U
- B. V
- D. T

7. How many boxes are below U?

- A. None
- C. 2.
- E. 4
- B. 1
- D. 3



Direction (8-12): In the following questions, relationship between different elements are shown in the statements. These statements are followed by two conclusions. Give answer.

8. Statements $A \geq J = N$; $H > Y > I < S = N$.

Conclusions: I. $A = N$

II. $A > N$

- A. Only conclusion I is true
- C. Either conclusion I or conclusion II is true
- E. Both the conclusion I and conclusion II are true
- B. Only conclusion II is true
- D. Neither conclusion I nor conclusion II is true

9. Statements: $T \leq J > F$; $U > J \leq H = S$

Conclusions: I. $F \leq U$



II. $U > T$

- A. Only conclusion I is true
- B. Only conclusion II is true
- C. Either conclusion I or conclusion II is true
- D. Neither conclusion I nor conclusion II is true
- E. Both the conclusion I and conclusion II are true

10. **Statements:** $Y > U \leq H = Q; R \leq U \geq M$

Conclusions: I. $R \leq Q$

II. $Q \leq M$

- A. Only conclusion I is true
- B. Only conclusion II is true
- C. Either conclusion I or conclusion II is true
- D. Neither conclusion I nor conclusion II is true
- E. Both the conclusion I and conclusion II are true

11. **Statements:** $L \geq F > G \leq W; H < S = L$

Conclusions: I. $H > G$

II. $W \leq L$

- A. Only conclusion I is true
- B. Only conclusion II is true
- C. Either conclusion I or conclusion II is true
- D. Neither conclusion I nor conclusion II is true
- E. Both the conclusion I and conclusion II are true

12. **Statements:** $T > U \geq V \geq W; X < Y = W > Z$

Conclusions: I. $Z > U$

II. $W < T$

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

13. If '2' is subtracted from each even digit and '1' is added to each odd digit in the number 8367284, then how many digits will appear twice in the new number thus formed?



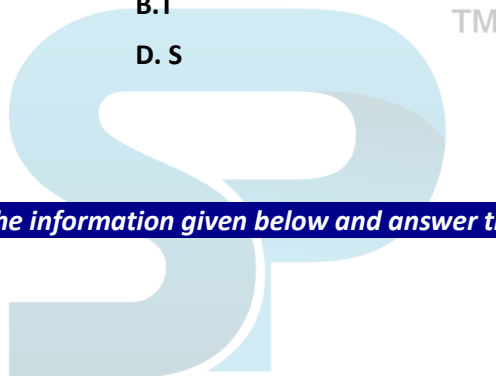
- A. One
- B. Two
- C. Three
- D. More than three
- E. None of these

14. How many such digits are there in the number 935126 which remain same in the number as when the digits are rearranged in descending order within the number?

- A. None
- B. one
- C. Two
- D. Three
- E. More than three

15. **Direction:** If it is possible to make only one meaningful word from the first, fifth, seventh and eighth letters of the word SPONTANEOUS, then the second letter from the left is your answer. If no such word can be formed then your answer is X and if more than one such word can be formed your answer is Y.

- A. X
- B. T
- C. E
- D. S
- E. Y



Direction (16-20) : Study the information given below and answer the questions based on it.

In a certain language,

'bright and intellectual students' is written as 'mt la ga pa'

'fresh and bright mind' is written as 'la pa ni dh'

'in mind thoughts clear' is written as 'dh pz ma mi'

'intellectual thoughts in mind is written as 'ma pz dh ga'

16. How is 'mind' written in that code language?

- A. pz
- B. dh
- C. mi
- D. Can't be determined
- E. None of these

17. What will be the possible code for 'bright and clear' in the given code language?

- A. pa la dh
- B. mi ga mt



- C. la pa mi
- E. None of these

D. pz ma la

18. In the given code language, what does the code 'ni' stand for?

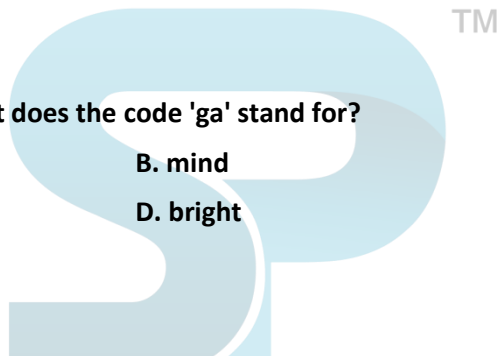
- A. fresh
- C. intellectual
- E. None of these
- B. mind
- D. Can't be determined

19. How is thoughts' written in that code language?

- A. pz
- C. mi
- E. Only (B) and (C)
- B. ma
- D. either (A) or (B)

20. In the given code language, what does the code 'ga' stand for?

- A. intellectual
- C. fresh
- E. None of these
- B. mind
- D. bright



Direction (21-25) : Study the information given below and answer the questions based on it.

Seven persons P, Q, R, S, T, U and V buy cars in different months i.e. June, July, August, September, October, November and December, not necessarily in the same order. U bought a car in a month which was having 30 days but not in September. Three persons bought cars between U and T. Two persons bought cars between T and Q. Three persons bought cars between Q and P. P bought car one of the months before Q. Two persons bought cars between P and V. S bought car one of the months after V.

21. Who among the following bought car in August?

- A. P
- C. Q
- E. V
- B. R
- D. U

22. Which of the following does not belongs to the group?

- A. T.
- B. R



C. Q

D.P

E. S

23. How many persons bought car between P and R?

A. 1

B. 2

C. 3

D. 4

E. 5

24. Which of the following combination is correct?

A. T-June

B. P-November

C. S-October

D. R-July

E. None is correct

25. How many persons bought car after Q?

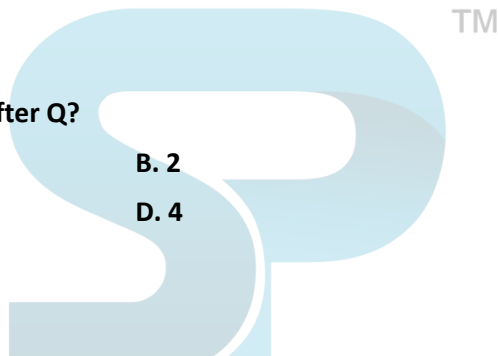
A. 1

B. 2

C. 3

D. 4

E. 5



Direction (26-30): In each question below are two or three statements followed by two conclusions numbered I and II. You have to take the two given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

26. Statements

Some pens are erasers

No eraser is pencil.

All pencils are books.

Conclusions

I. Some books are pens.

II. All pens can never be pencils.

A. Only conclusion I follow.

B. Only conclusion II follows.

C. Either conclusion I or II follows

D. Neither conclusion I nor II follows



E. Both conclusions I and II follows

27. Statements:

All ropes are sticks.

No stick is pencil.

Some pencils are knives.

Conclusions:

I. Some knives are ropes.

II. Some knives are sticks.

A. If only Conclusion I follows.

B. if only Conclusion II follows.

C. if either Conclusion I or II follows.

D. if neither Conclusion I nor II follows.

E. if both Conclusions I and II follow.

28. Statements:

All sweet are sour.

No sour is tasty.

All tasty are food.

Conclusions:

I. All sweet being food is a possibility.

II. No sweet is tasty.

A. Only I follows

B. Only II follows

C. Either I or II follows

D. Neither I nor II follows

E. Both I and II follow



29. Statements:

Some Army is Force.

All Army are Navy.

All Navy are Police.

Conclusions:

I. Some Police are Army.



II. Some Force can never be Police.

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

30. Statements:

Some poor are rich.

All rich are doctors.

Some intelligent are doctors.

Conclusions:

I. All intelligent being doctors is a possibility.

II. Some poor are doctors.

- A. if only conclusion I follows
- B. if only conclusion II follows
- C. if either conclusion I or II follows
- D. if neither conclusion I nor II follows
- E. if both conclusions I and II follows

Directions (31-35) Study the following information carefully and answer the given questions.

P, Q, R, S, T, U, V and X are sitting around a circular table. Three of them are facing outside and the rest of them are facing inside.

Q sits third to the right of P and faces outside. R sits to the opposite of Q and facing inside. U sits to the immediate left of R and is facing in the same direction as R.

V sits third to the right of U. Q and V faces in the same direction. The one sitting between Q and V is facing the direction opposite to them.

X sits immediate left of S who is facing inside. The immediate neighbours of Q are facing in the opposite direction of each other.

31. Who sits second to the left of U?

- A. P
- B. S
- C. X
- D. V
- E. Cannot be determined

32. What is the position of V with respect to X?

- A. Fourth to the left
- B. Second to the right



- C. Third to the left
- E. Second to the left

D. Third to the right

33. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?

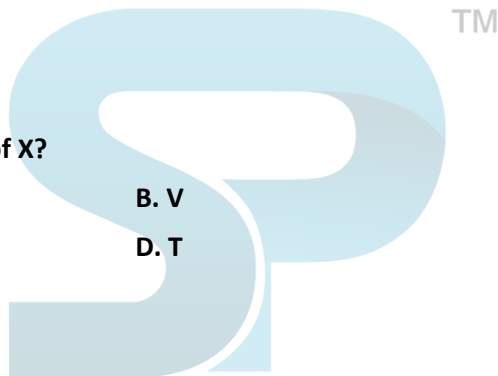
- A. U
- C. R
- E. T
- B. P
- D. V

34. How many persons are sitting in between U and T if we start from T in clockwise direction?

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

35. Who is sitting third to the right of X?

- A. U
- C. R.
- E. None of these
- B. V
- D. T



RBI Assistant Pre Paper Explanation

1. Ans. A.

A+1B+2.....D+3.....G+4.....K

C+2.....E+3.....H+4.....L+5.....Q

Answer is option A

2. Ans. A.

P R O A C T I V E



A C E I O P R I V

Hence, option A is correct.

3. Ans. B.

4. Ans. A.

5. Ans. B.

6. Ans. D.

7. Ans. A.

8. Ans. C.

Either conclusion I or conclusion II is true

Explanation:

$A \geq J = N; H > Y > I < S = N$

From the statements we have,

$A \geq J = N$. So, $A \geq N$

Conclusions:

I. $A = N$

II. $A > N$

So, I and II are complementary



9. Ans. B.

Only conclusion II is true

Explanation: $U > J \leq H = S; T \leq J > F$

From the statements we have, $U > J > F$. So, $U > F$.

Also, $U > J \geq T$. So, $U > T$

Conclusions:

I. $F \leq U$: it is FALSE

II. $U > T$: it is TRUE

10. Ans. A.

Only conclusion I is true.



Explanation:

$Y > U \leq H = Q;$

$R \leq U > M$

From the statements we have,

$R \leq U \leq H = Q.$ So, $R \leq Q$

Also, $M < U \leq H = Q.$ So, $Q > M$

Conclusions:

I. $R \leq Q$: It is TRUE

II. $Q \geq M$: It is FALSE

11. Ans. D.

Neither conclusion I nor conclusion II is true

Explanation:

$H < S = L \geq F > G \leq Q$

From the statements we have,

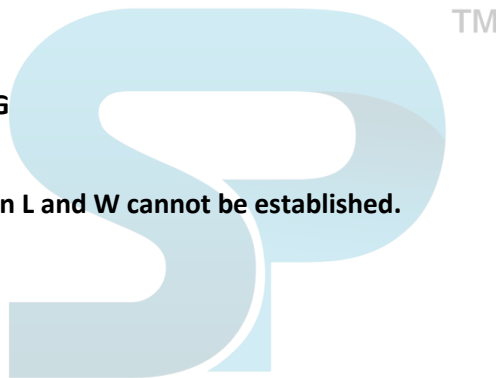
$H < L > G.$ So, relation between Hand G cannot be established.

Also, $L > G \leq W.$ So, relation between L and W cannot be established.

Conclusions:

I. $H > G$: It is FALSE

II. $W \leq L$: It is FALSE



12. Ans. B.

Statements:

$T > U \geq V \geq W; X < Y = W > Z$

After combining both statements:

$T > U \geq V \geq W = Y > X; W = Y > Z$

Conclusions:

I. $Z > U$ (not true) $\{W > Z \ \& \ W = U > Z\}$

II. $W < T$ (true) $\{U > W \ \& \ T > U = T > W\}$

Therefore only conclusion II is true.

13 . Ans. B.

Given number - 8367284



As per the question - 2' is subtracted from each even digit and '1' is added to digit

$$8 - 2 = 6$$

$$3 + 1 = 4$$

$$6 - 2 = 4$$

$$7 + 1 = 8$$

$$2 - 2 = 0$$

$$8 - 2 = 6$$

$$4 - 2 = 2$$

New number formed - is 6448062

Only two digits appear twice in the new number thus formed which is 6 & 4.

14. **Ans. D.**

Before rearranging as descending order: 935126

After rearranging as descending order: 965321

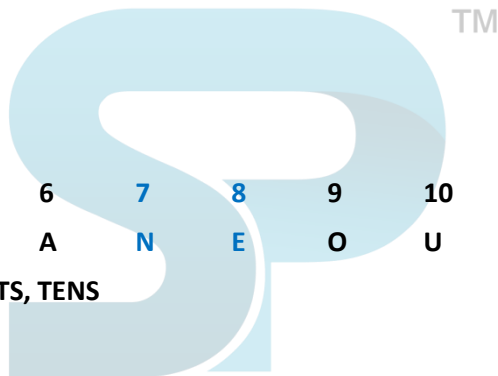
9, 5 and 2 are on the same place as before.

So, there are 3 digits

15. **Ans. E.**

1	2	3	4	5	6	7	8	9	10	11
S	P	O	N	T	A	N	E	O	U	S

Meaningful words = NEST, SENT, NETS, TENS



16. **Ans. B.**

The code for 'mind' is - dh

The codes are given below -

Intellectual - ga

bright - pa/la

cween Land

and - la/pa

mind - dh

students - mt

Fresh - ni

Clear - mi

thoughts -pz/ma

in - ma/pz



17. Ans. C.

The code for 'mind' is - dh

The codes are given below -

Intellectual - ga

bright - pa/la

cween Land

and - la/pa

mind - dh

students - mt

Fresh - ni

Clear - mi

thoughts -pz/ma

in - ma/pz

18. Ans. A.

The code for 'mind' is - dh

The codes are given below -

Intellectual - ga

bright - pa/la

cween Land

and - la/pa

mind - dh

students - mt

Fresh - ni

Clear - mi

thoughts -pz/ma

in - ma/pz



19. Ans. D.

The code for 'mind' is - dh

The codes are given below -

Intellectual - ga

bright - pa/la

cween Land

and - la/pa

mind - dh

students - mt



Fresh - ni
Clear - mi
thoughts -pz/ma
in - ma/pz

20. Ans. A.

The code for 'mind' is - dh
The codes are given below -
Intellectual - ga
bright - pa/la
cween Land
and - la/pa
mind - dh
students - mt
Fresh - ni
Clear - mi
thoughts -pz/ma
in - ma/pz



21. Ans. B.

22. Ans. D.

23. Ans. A.

24. Ans. E.

25. Ans. B.

26. Ans. D.

27. Ans. D.

28. Ans. E.

29. Ans. A.



30. **Ans. E.**

31. **Ans. C.**

32. **Ans. D.**

33. **Ans. D.**

34. **Ans. B.**

35. **Ans. B.**

