



# 200 Questions of Reasoning Ability

**Directions (1-5):** Study the following information carefully and answer the questions given below:

Eight persons A, B, C, D, E, F, G and H are sitting on a circular table facing the centre of the table but not necessarily in the same order. H and F are facing each other. H and A are not immediate neighbours of each other. C is not immediate neighbour of H. Two persons sit between A and G. B sits immediate left of G. Two persons sit between B and E. One person sits between A and D. D and G are not immediate neighbours of each other.

 $\boldsymbol{Q1.} Who \ among \ the following person sits immediate left of$ 

- C ?
- (a) G
- (b) D
- (c) E
- (d) F
- (e) None of these

**Q2.**How many persons sit between A and D when counted anticlockwise direction from D?

- (a) Three
- (b) Four
- (c) Five
- (d)Two
- (e) None of these

Q3. Who among the following person is facing G?

- (a) H
- (b) F
- (c) A
- (d) E
- (e) None of these

**Q4.**Four of the following five are alike in a certain way and hence form a group find the one which does not belong to that group?

- (a) A, D
- (b) H, G
- (c) G. F
- (d) C, A
- (e) A,E

**Q5.** Who among the following persons sit second to the right of H?

- (a) G
- (b) C
- (c) B
- (d) D
- (e) None of these

**Directions (6-10):** Following questions are based on the five words given below, Study the following words and answer the following question:

### MINTS RAGSE CULTS NIGAS PEMTO

**Q6.** If the given words are arranged in the order as they appear in a dictionary from left to right, which of the following word will be the fifth from the left end?

- (a) MINTS
- (b) RAGSE
- (c) CULTS
- (d) NIGAS
- (e) PEMTO

**Q7.** If the letters of the given words are arranged in alphabetical order then within the word how many meaningful words will be formed?

- (a) Four
- (b) Three
- (c) Two
- (d) One
- (e) None

**Q8.** How many letters are there between the first Letter of third word from left end and Last Letter of the second word from right end(According to the alphabetical order)?

- (a) Eight
- (b) Nine
- (c) Ten
- (d) Fifteen
- (e) Sixteen

**Q9.** How many vowels are there in between the first letter of first word from left and last letter of last word from right (According to the alphabetical order)?

- (a) Two
- (b) Three
- (c) None
- (d) Five
- (e) None of these

**Q10.** How many letters are there between the first letter of last word from left and first letter of the second word from left (According to the alphabetical order)?

- (a) Four
- (b) Fourteen
- (c) Twenty
- (d) Six
- (e) One





**Directions (11-15):** Study the following information carefully and answer the questions given below In a certain code language:

"Who among the following" is coded as "op st rd ck"

"following person who good" is coded as "nt ck ks op"

"good person following among" is coded as "rd op ks nt"

"who good person are" is coded as "nj ks nt ck"

**Q11.**What is the code for "following are" in the given code language?

- (a) op nj
- (b) nj ck
- (c) op ks
- (d) st rd
- (e) None of these

**Q12.** What is the code for "are" in the given code language?

- (a)ck
- (b)nt
- (c)ks
- (d)nj
- (e)None of these

**Q13.** What is the possible code for "person focus" in the given code language?

- (a) ks tg
- (b) nt tg
- (c) Either (a) or (b)
- (d) hc tr
- (e) te we

**Q14.** The code "ck" is coded for which of the following word?

- (a) the
- (b) among
- (c) following
- (d) who
- (e) None of these

**Q15.** What may be the possible code for "who based" in the given code language?

- (a) op rd
- (b) nt ck
- (c) ck op
- (d) lm rd
- (e) ck lm

**Directions (16-18):** Study the information carefully and answer the questions given below.

Seven persons i.e. P, Q, R, S, T, U and V are scoring different marks in an examination. P score more marks than R. T score more marks than V and less than U. P does not score the highest. S score less than T and more than only one person. R score more than U.

**Q16.** Who among the following person score highest marks?

- (a) U
- (b) R
- (c) Q
- (d) T
- (e) None of these

Q17. How many persons score less than V?

- (a) One
- (b) None
- (c) Two
- (d) Three
- (e) Five

**Q18.** Who among the following person score third highest?

- (a) V
- (b) P
- (c) R
- (d) T
- (e) None of these

**Q19.** Anchal is 30<sup>th</sup> from the left end of a row and Teena is 21<sup>st</sup> from the right end of row. If they interchanged their positions then anchal ranks become 32 from left end. Find total number of persons in the row?

- (a) 51
- (b) 47
- (c) 58
- (d) 52
- (e) None of these

**Q20.** Demon's ranked 24th from the top in a class of 64 students. What is the rank of demon from the bottom?

- (a) 40
- (b) 32
- (c) 41
- (d) 29
- (e) None of these





**Directions (21-23):** Study the following information carefully and answer the question below-

Eight persons K, L, M, N, O, P, Q and R are from two generations and four married couple. Q and N are married couples K is father in law O who is sister in law of L. L and P are married couples. P is daughter in law of R. M and L are siblings of same gender. N is mother of P.

### **Q21.** How is P related to M?

- (a) Son-in-law
- (b) Son
- (c) Sister -in-law
- (d) Daughter
- (e) None of these

### **Q22.** If J is the only child of L then how is N related to J?

- (a) Maternal Grand mother
- (b) Mother
- (c) Aunt
- (d) Father
- (e) None of these

### Q23. How is L related to K?

- (a) Son
- (b) Son in law
- (c) Brother -in-law
- (d) Father
- (e) None of these

**Directions (24-26):** Study the following information carefully and answer the question given below-

There are ten people i.e. M, N, O, P, Q, R, S, T, U and V who have seated on a bench, faces towards South direction. M and T sits together but both of them do not sit at any extreme end. There a 4 people sit between Q and V. Only two people sits left to Q. O sits immediate right of U. P sits 2<sup>nd</sup> left of T and S is the neighbor of P. There is three people between U and N who does not sit at left end of the bench.

### **Q24.** Who among the following sits 2<sup>nd</sup> left of Q?

- (a) R
- (b) M
- (c) S
- (d) N
- (e) None of these

### **Q25.** How many people sit between U and M?

- (a) Four
- (b) Three
- (c) Two
- (d) One
- (e) No one

- **Q26.** Who among the following sits at extreme right end?
- (a) P
- (b) N
- (c) S
- (d) T
- (e) V
- **Q27.** If all the letters in the word "**Reasonable**" are arranged in alphabetical order from left to right in such a way that all vowels are arranged first followed by consonants, then how many letters are there in between 0 and S after the arrangement?
- (a) Two
- (b) One
- (c) None
- (d) Three
- (e) Four
- **Q28.** If in the number 639429687, 1 is added to each of the digit which is less than five and 1 is subtracted from each of the digit which is greater than five then how many digits are repeating in the number thus formed?
- (a) Two
- (b) One
- (c) None
- (d) Three
- (e) Four
- **Q29.** Which of the following elements should come in a place '?'?

DF8 HJ12 LN16?

- (a) PR19
- (b) PR18
- (c) PR21
- (d) PR22
- (e) None of these
- **Q30.** How many pairs of letters are there in the word '**Perspective**', each of which have as many letters between then in the word as they have between then in the English alphabet?
- (a) Two
- (b) One
- (c) Four
- (d) More than Four
- (e) Three



### 200 Questions of Reasoning Ability



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

### In a certain code language,

'Every Survey universal plastic' is coded as 'yi pq mn as' 'Paper safe Survey universal' is coded as 'mn bn st pq' 'Paper prime universal plastic' is coded as 'cd as mn bn' 'prime safe journey whole' is coded as 'cd st xm yh'

**Q31.** Which of the following is the code for 'safe'?

- (a) st
- (b) bn
- (c) pq
- (d) mn
- (e) None of these

**Q32.** Which of the following word is coded as 'bn'?

- (a) prime
- (b) plastic
- (c) safe
- (d) paper
- (e) None of these

Q33. What may be the code of 'prime store'?

- (a) st pq
- (b) cd mn
- (c) pq bn
- (d) mn pq
- (e) cd qw

**Q34.** Which of the following code is coded for 'Survey'?

- (a) mn
- (b) pq
- (c) bn
- (d) cd
- (e) None of these

**Q35.** What will be the code of 'prime plastic'?

- (a) st pq
- (b) cd as
- (c) cd pq
- (d) bn as
- (e) st bn

**Q36.** If in the number 67459138, 3 is subtracted to first five digit of the number and 1 is added to rest of the digits then how many digits are repeating in the number thus formed?

- (a) Four
- (b) One
- (c) None
- (d) three
- (e) Two

**Q37.** Which of the following elements should come in a place of '?'

- GJ11 M016 RT21?
- (a) WX26
- (b) VX25
- (c) VY26
- (d) WY26
- (e) None of these

**Q38.** How many pairs of letters are there in the word "ENDURANCE" each of which have as many letters between them in the word as they have between them in the English alphabetical series?

- (a) Two
- (b) One
- (c) Three
- (d) More than three
- (e) None

**Q39.** Ravi is 22<sup>nd</sup> from the left end of a row and Hunny is 32<sup>th</sup> from the right end of row. If they interchanged their positions then ravi ranks become 21 from left end. How many persons sit between them?

- (a) One
- (b) Two
- (c) None
- (d) Three
- (e) None of these

**Q40.** Among J, K, L, M and N, each of them is different weight. L's weight is more than K. M's weight is more than J and less than N. K is not the lightest person. M is not lighter than L. Who among them is the third heaviest?

- (a) J
- (b) L
- (c) K
- (d) M

(e) N







**Directions (41-45):** Following questions are based on the five three-digit numbers given below.

947 376 694 739 863

**Q41.** If all the digits in each of the numbers are arranged in increasing order within the number then, which of the following number will become the lowest in the new arrangement of numbers?

- (a) 947
- (b) 863
- (c) 739
- (d) 694
- (e) 376

**Q42.** If all the numbers are arranged in ascending order from left to right then, which of the following will be the sum of all the three digits of the number which is 2nd from the right in the new arrangement?

- (a) 18
- (b) 19
- (c) 15
- (d) 16
- (e) None of these

**Q43.** What will be the difference, when third digit of the 3rd lowest number is multiplied with the second digit of the highest number and third digit of the 2nd highest number is multiplied with the second digit of the lowest number?

- (a) 21
- (b) 20
- (c) 15
- (d)16
- (e) None of these

**Q44.** If the positions of the second and the third digits of each of the numbers are interchanged then, how many even numbers will be formed?

- (a) None
- (b) One
- (c) Two
- (d) Three
- (e) Four

**Q45.** If one is added to the second digit of each of the numbers and one is subtracted to the third digit of each number then, how many numbers thus formed will be divisible by three in new arrangement?

- (a) None
- (b) One
- (c) Two
- (d) Three
- (e) Four

**Directions (46-48):** Study the following information carefully and answer the questions given below:

Six persons reads the different number of books and arranged in decreasing order from left as per the number of books read. A reads just more books than the one who reads 8 books. E reads more book than A but less than B. D reads more books than C. Only one person read less book than the one who read 8 books. D reads more books than A but less than B. F reads fewer books than D, who reads 25 books. The number of persons who reads more books than D is one more than the number of persons who read books less than F. D reads more books than E. A reads 8 books less than D.

**Q46.** What may be the possible number of books read by E?

- (a) 18
- (b) 26
- (c) 15
- (d) 12
- (e) 10

**QTags ORDER & RANKING** 

**Q47.** How many persons read more books than E?

- (a) None
- (b) Two
- (c) Four
- (d) Five
- (e) Three

**QTags ORDER & RANKING** 

Q48. Find the sum of number of books read by A and D?

- (a) 33
- (b) 40
- (c) 38
- (d) 44 (e) 42

**Directions (49-53):** Study the following information carefully and answer the questions given below:

Eight boxes are kept one above the other. More than five boxes are kept above box P. Box D is kept immediately above box R and immediately below box G. Two boxes are kept between box R and box Z. Box N is kept below Z and above box L. Box T is kept below box L but not immediate below. At least four boxes are kept below box R.

**Q49.** Which of the following is not true?

- (a)Box P is kept above box T
- (b)Box T is kept at the bottommost position
- (c)There are two boxes kept below box L
- (d) Box R is kept immediately above box L
- (e)All are incorrect







Q50. Number of boxes kept below box G is same as	<b>Directions</b> (56-58): Read the following information
number of boxes kept above?	carefully and answer the given questions:
(a)N	Seven people A, C, G, K, S, M and X are having different
(b)L	ages. K is elder to S but younger to G. The difference
(c)P	between the ages of $2^{nd}$ eldest and $4^{th}$ youngest is 7 years.
(d)R	only two persons are elder to C. G is younger to M who is
(e)None of these	not the eldest. Age of K is not more than 5 years. X is elder
	to G but younger to C. Age of 2 <sup>nd</sup> eldest person is the
<b>Q51.</b> How many boxes are kept above box Z?	square of the number which is the age of K. Age difference
(a)Two	between X and third youngest person is more than 10
(b)Three	years.
(c)None	<b>Q56.</b> Who among the following is the 4 <sup>th</sup> youngest?
(d)Five	(a) A
(e)Four	(b) K
<b>Q52.</b> Which box is kept exactly between box N and box P?	(c) C
(a)L	(d) S
(b)T	(e) X
(c)Z	
(d)R	<b>Q57.</b> What is the age of M?
(e)None of these	(a) 36
(e)Notice of these	(b) 64
OF2 If how D is related to how I how N is related to how D	(c) 25
Q53. If box P is related to box L, box N is related to box R,	(d) 30
then in the same manner box G is related to?	(e) Can't be determined
(a)D	
(b)Z	<b>Q58.</b> What could be the possible age of C?
(c)R	(a) 28
(d)T	(b) 30
(e)None of these	(c) 15
	(d) 22
Q54. How many pairs of letters are there in the word	(e) None of the above
'AMALGAMATE', each of which have as many letters	
between them in the word as they have between them in	<b>Q59.</b> What should be placed in place of question mark(?)
the English alphabet (From both forward and backward	in equation $E \le Z$ ? W? C? D to make $Z > D$ always follow.
directions)?	(a) =, >, ≥
(a) one	(b) =, <, ≥
(b) three	(c) =, >, ≤
(c) two	$ (d) =, \geq, \geq $
(d) four	(e) None of these
(e) None	<b>Q60.</b> How many pairs of letters are there in the word
	'COMMISSION', each of which have as many letters
<b>Q55.</b> In a certain code "MONDAY" is coded as "NPMCBZ"	between them (both forward and backward direction) in
and "SUNDAY" is coded as "TVMCBZ", then what will be	the word as they have between then in the English
the code for the word "FRIDAY"?	alphabet?
(a)ESHCBZ	(a)One
(b)GSHCBZ	(b)Three
(c)FSHDBZ	(c) Two
(d)ESICBZ	(d)Four
(e)EQHCBZ	(e) More than five
(-) (	l ` ´





**Directions (61-65):** In these questions, a relationship between different elements is shown in the statements. The statements are following by two conclusions. Give answer

### **Q61**.

### Statements:

 $A \ge K \ge L \le C$ , A = M

#### Conclusions:

I.  $L \leq M$ 

II. C < K

- (a) If only conclusion I is true.
- (b) If only conclusion II is true.
- (c) If either conclusion I or II is true.
- (d) If neither conclusion I nor II is true.
- (e) If both conclusions I and II are true.

### Q62.

#### Statements:

 $E = Y > O = Z, T \ge N > Z$ 

#### Conclusions:

I. T > Y

II. E≤N

- (a) If only conclusion I is true.
- (b) If only conclusion II is true.
- (c) If either conclusion I or II is true.
- (d) If neither conclusion I nor II is true.
- (e) If both conclusions I and II are true.

### 063.

### Statements:

 $R \ge P > W = E < S \le U$ 

### Conclusions:

I. S < R

II. W < U

- (a) If only conclusion I is true.
- (b) If only conclusion II is true.
- (c) If either conclusion I or II is true.
- (d) If neither conclusion I nor II is true.
- (e) If both conclusions I and II are true.

### Q64.

#### Statements:

 $E \ge D = G, H > K \ge G$ 

### Conclusions:

I. E≥H

II. K≥D

- (a) If only conclusion I is true.
- (b) If only conclusion II is true.
- (c) If either conclusion I or II is true.
- (d) If neither conclusion I nor II is true.
- (e) If both conclusions I and II are true.

#### 065.

#### Statements:

 $A < M < W = F > S \ge J$ 

#### Conclusions:

I. W > J

II. F > A

- (a) If only conclusion I is true.
- (b) If only conclusion II is true.
- (c) If either conclusion I or II is true.
- (d) If neither conclusion I nor II is true.
- (e) If both conclusions I and II are true.

**Directions (66-70):** In each of the questions below are given some statements followed by some Conclusions. You have to take the given statements to be true even, if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

### **Q66. Statements:**

Some Tom are Jerry

All Jerry are Cat

All cat are Animal

### **Conclusions:**

I: Some Tom are not Animals

II: All Tom are animals

- (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.

### Q67. Statements:

Some Boy are Cricketer

All Cricketer are Batsman

No Boy is Bowler

### **Conclusions:**

I: Some Cricketer is not bowler

II: All Batsman can never be bowler

- (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.

### Q68. Statements:

All coffee are summer

Some tea is coffee

Some summer are cold

### **Conclusions:**

I. All tea being cold is a possibility

II. Some coffee are definitely not cold.

- (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.





### 069. Statements:

Some blue are green

Some grey is blue

All green are white

### **Conclusions:**

I. Some grey is white is a possibility

II. All green are grey is a possibility

(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.

### Q70. Statements:

All soil are plant

No earth is plant

All earth are water

### **Conclusions:**

I. Some plant which are water are also soil.

II. No water is soil

(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.

**Directions (71-75):** In these questions, relationship between different elements is shown in the statements. The statements are followed by two conclusions. Give answer

### Q71.

### Statements:

 $E \le F > C \ge B$ ;  $F < K \le T$ ;  $T \le D > H$ 

#### Conclusions:

I. E<K

II.K<H

(a) If only conclusion I is true

(b) If only conclusion II is true

(c) If either conclusion I or II is true

(d) If neither conclusion I nor II is true

(e) If both conclusions I and II are true

### 072.

#### Statements:

 $M>N<P\geq B$ ;  $S<B\leq T$ ;  $K>G\leq S$ 

### Conclusions:

I. P>S

II.B>S

(a) If only conclusion I is true

(b) If only conclusion II is true

(c) If either conclusion I or II is true

(d) If neither conclusion I nor II is true

(e) If both conclusions I and II are true

### Q73.

#### Statements:

M < N > X = B;  $N \le T = O$ ;  $T > G \le S$ 

#### Conclusions:

I. M>T

II.M≤0

(a) If only conclusion I is true

(b) If only conclusion II is true

(c) If either conclusion I or II is true

(d) If neither conclusion I nor II is true

(e) If both conclusions I and II are true

### Q74.

#### Statements:

W<X=Y>Z; B=C $\leq$ X; A=Y $\geq$ U

#### Conclusions:

I.X>U

II.A≤Y

(a) If only conclusion I is true

(b) If only conclusion II is true

(c) If either conclusion I or II is true

(d) If neither conclusion I nor II is true

(e) If both conclusions I and II are true

### Q75.

#### Statements:

 $Q \ge S$ ,  $P \le X$ ;  $E \le X = V < S$ 

#### Conclusions:

I.P ≤E

II. P>V

(a) If only conclusion I is true

(b) If only conclusion II is true

(c) If either conclusion I or II is true

(d) If neither conclusion I nor II is true

(e) If both conclusions I and II are true

**Directions (76-77):** Study the information carefully and answer the questions given below.

Point U is 3m west of point G, which is 8m north of point V. Point V is 4m east of point B. Point B is 9m south of point H. Point H is 2m west of point L. Point L is 6m north of point C. Point C is 7m east of point M.

**Q76.** What is the shortest distance between point U and Point M?

(a)  $2\sqrt{18}$  m

(b)  $\sqrt{61}$  m

(c)  $\sqrt{63}$  m

(d) 8m

(e) None of these

**Q77.** In which direction point C with respect to point V?

(a) North

(b) North-west

(c) North-east

(d) South-west

(e) None of these





**Directions (78-80):** Study the information carefully and answer the questions given below.

Point G is 5m west of point H, which is 12m south of point D. Point A is 20m east of point B. Point F is 10m west of point E. Point C is 15m east of point D. Point F is 8m north of point G. Point E is 16m south of point A.

**Q78.** What is the direction of point G with respect to point A?

- (a) South-east
- (b) North-west
- (c) South-west
- (d) West
- (e) None of these

**Q79.** What is the shortest distance between point H and point E?

- (a) 8m
- (b)  $\sqrt{89}$ m
- (c) 10
- (d) √15m
- (e) None of these

**Q80.** What is the direction of point B with respect to point C?

- (a) East
- (b) North
- (c) North-west
- (d) South-East
- (e) None of these

**Directions (81-83):** Study the information carefully and answer the questions given below.

In a family of eight members there are three married couples and five female members, G is daughter-in-law of B, who has two children. D is the aunt of C, D is unmarried. F is father-in-law of H and is married to E. A is the father of D.



Q81. How is H related to E?

- (a) Son
- (b) Grand father
- (c) Son in law
- (d) Daughter
- (e) Husband

**Q82.** Who among the following is father of D?

- (a) A
- (b) F
- (c) E
- (d) G
- (e) B

Q83. How is D related to G?

- (a) Daughter-in-law
- (b) Sister-in-law
- (c) Sister
- (d) Nephew
- (e) Daughter

**Q84.** Pointing to a woman, Ravi said, "She is the daughter of my grandfather's only child". How is woman related to Ravi?

- (a)Daughter
- (b) Aunt
- (c) Mother
- (d) Sister
- (e) None of these

**Q85.** Amit is the son of Shiv. Shiv's sister, Jaya has a son Rohit and a daughter Yami. Riya is the mother of Amit's father. How is Yami related to Riya?

- (a) Mother
- (b) Granddaughter
- (c) Sister
- (d) Niece
- (e) None of these

**Q86.** E is the son of A. D is the son of B. E is married to C. C is B's daughter. How is D related to E?

- (a) Brother
- (b) Uncle
- (c) Father-in-law
- (d) Brother-in-law
- (e) None of these





**Directions (87-89):** Study the information carefully and answer the questions given below.

Seven persons i.e. P, Q, R, S, T, U and V are in the family of four-generation with one married couple. There are three female members of the family. V is the mother of T, who is grandmother of S. R is son of the one who is daughter in law of P. R has two children. S is female and she is not sister of Q.

**Q87.** Who among the following is grandson of V?

- (a) U
- (b) T
- (c) R
- (d) Q
- (e) None of these

**Q88.** Who among the following is mother-in-law of Q?

- (a) P
- (b) V
- (c) R
- (d) S
- (e) U

**Q89.** How is U related to T?

- (a) Grandson
- (b) Granddaughter
- (c) Father
- (d) Mother
- (e) None of these

**Q90.** If 'P + Q' means 'P is the father of Q', 'P × Q' means P is the brother of Q'; 'P – Q' means 'P is the mother of Q', then which of the following is definitely true about X - Z + Y?

- (a) Y is the son of Z
- (b) Z is the son of X
- (c) Y is the father of Z
- (d) X is the mother of Y
- (e) None of these

**Directions (91-95):** Study the following information carefully and answer the question given below.

Eight friends are sitting in a straight line. Some of them face north while some of them face south direction. R who sits one of the extreme end, sits third to the right of S. Y sits second to the right of V. Only three persons sit between W and Y who does not sit at extreme end of the row. V sits third to the left of U who is an immediate neighbour of W. V does not face south. T sits second to the left of X who sits third to the right of W. R sits left of T and facing opposite direction of T. Y faces north direction.

- **Q91.** Who amongst the following sits exactly between W and Y?
- (a) S
- (b) R
- (c) V
- (d) X (e) T
- **Q92.** Who amongst the following sits third to the left of Y?
- (a) S
- (b) T
- (c) U
- (d) V
- (e) W
- **Q93.** Four of the following five are alike in a certain way and so form a group, which among the following does not belong to that group?
- (a) R
- (b) S
- (c) X
- (d) Y
- (e) U

**Q94.** How many people sit between Y and U?

- (a) Four
- (b) Three
- (c) None
- (d) Two
- (e) One

**Q95.** Who among the following sits fourth to the right of one who sits immediate right of V?

- (a) W
- (b) U
- (c) X
- (d) T
- (e) Y

**Directions (96-100):** The following questions are based on the five three digits numbers given below:

634 784 386 257 371

**Q96.** If 1 is added in all the digits of each number and then digits are arranged in ascending order within the number, which of the following will be the second lowest number after rearrangement?

- (a) 257
- (b) 784
- (c)634
- (d) 371
- (e) None of these



- **Q97.** If second digit is subtracted by one, then it is interchanged with third digit in each number, then which number will be the highest number after rearrangement?
- (a) 257
- (b) 371
- (c)386
- (d) 784
- (e) None of these
- **Q98.** If in each number, both first and third digits are added and after that second digit is subtracted from that addition then how many numbers are greater than 5 after mentioned operation?
- (a) One
- (b) Two
- (c) Three
- (d) Four
- (e) None of these
- **Q99.** If in each number, we subtract 1 in all the odd digits and add 3 in all even digits then, which of the following will be the lowest number after mentioned operation?
- (a) 634
- (b) 386
- (c) 371
- (d) 784
- (e) None of these
- **Q100.** If all the digits in number are arranged in descending order, then which number is highest number?
- (a) 784
- (b) 634
- (c) 257
- (d) 386
- (e) None of these

**Directions (101-105):** Study the following information carefully and answer the question given below:

Eight friends are sitting around a square table in such a way that four of them sit at four corners of the square while the other four sits in the middle of each sides. The ones who sit at the four corners face inside while those who sit in the middle of the sides face outside.

A sits third to the right of D. B sits second to the left of the one, who sits opposite to S. Q sits immediate left of the one, who sits immediate right of R. A sits opposite to R. P sits opposite to B. C does not sits at the middle of the side.

- **Q101.** Who is sitting exactly between P and B, when counted right of P?
- (a) S
- (b) Q
- (c) C
- (d) A
- (e) R

- **Q102.** How many persons sit between D and Q when counted left of Q?
- (a) Four
- (b) Three
- (c) Two
- (d) One
- (e) None
- $\mathbf{Q103}$ . Who among the following sits immediate right of  $\mathbf{p2}$
- (a) R
- (b) C
- (c) Q
- (d) A
- (e) B
- **Q104.** Four of the following are alike in a certain way so form a group, which among the following does not belong to that group?
- (a) S
- (b) Q
- (c) P
- (d) D
- (e) B
- **Q105.** Who among the following sits third left of the one who sits second to the right of Q?
- (a) S
- (b) C
- (c) R
- (d) B
- (a) B (e) P

**Directions (106-110):** In each of the questions below are given some statements followed by some Conclusions. You have to take the given statements to be true even, if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

#### Q106. Statements:

All apple are red

Some red are white

No apple is green

### **Conclusions**:

- I: All white can never be green
- II: Some red are not green
- (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.





### Q107. Statements:

All knife is sharp Some sharp is steel

All steel are metal

### **Conclusions**:

I: Some metal is knife

- II: No knife is metal
- (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.

### Q108. Statements:

Some real are hero

All hero are superhero

Some superhero are amazing

### **Conclusions**:

- I. Some Real can be amazing
- II. Some hero can be real
- (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.

### Q109. Statements:

No Eight is Nine

Some ten are eleven

A few nine are ten

### **Conclusions**:

- I. Some ten can be eight
- II. All ten can be nine
- (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.



### **0110. Statements:**

Some bat are ball

No ball is wicket

All wicket are wooden

#### Conclusions:

- I. Some wooden are not bat
- II. All bat can never be wicket
- (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.

**Directions (111-115):** In each of the questions below are given some statements followed by some Conclusions. You have to take the given statements to be true even, if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

### Q111. Statements:

Some cherry are sweet

No sweet is Tomato

All tomato are kiwi

#### Conclusions:

- I: Some kiwi are not sweet
- II: All cherry can never be Kiwi
- (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.

### Q112. Statements:

All Dam are steel

Some steel are iron

No pen is steel.

### **Conclusions:**

I: Only steel is Dam

II: Some iron are not Pen

- (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.





### Q113. Statements:

Some place are keyboard

No keyboard is mouse

No place is bottle

### **Conclusions**:

- I. All place can never be mouse
- II. All mouse can never be bottle
- (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.

### Q114. Statements:

Only king is lion

Some king are tiger

No tiger is duck

### **Conclusions:**

- I. All duck are king is possibility
- II. Some lion are tiger is a possibility
- (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.

### Q115. Statements:

Only few water is blue

Some blue is red

All red is green

#### **Conclusions:**

- I. Some green are water
- II. No water is green
- (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.

**Directions (116-117):** In each of the questions below are given some statements followed by some Conclusions. You have to take the given statements to be true even, if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

### Q116. Statements:

No March are April.

Only a few April is June.

All June are july.

### **Conclusions:**

- I. Some April is not June.
- II. All March is July is a possibility
- III. Some July is April is a possibility
- (a) Only I follows
- (b) Only II follows
- (c) Only III follows
- (d) Only I and II follow
- (e) None of the above

### Q117. Statements:

Only Green is Blue.

Only a few Green is Yellow.

Some Yellow are Brown.

### **Conclusions:**

- I. No Brown is Green.
- II. All Yellow is Green is a possibility.
- III. Some Blue is Brown.
- (a) Only II follows
- (b)Only I and II follow
- (c) Only I and III follow
- (d) Only III follows
- (e) None follows

**Directions (118-120):** In each question below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts. Give answer

### Q118. Statements:

Only a few Gold are Silver.

Some Silver is White.

All White is Yellow.

#### **Conclusions**:

- I. All Yellow being Silver is a possibility.
- II. All Gold is silver is a possibility.
- (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.





### Q119. Statements:

Only Prime is Bank.

Some Prime is Exam.

No Exam is SSC.

### **Conclusions:**

I. No SSC is Prime.

II. All SSC is Prime is a possibility.

- (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.

### **Q120. Statements:**

No Blue are Purple.

All Purple is Green.

Only a few Green is White.

### **Conclusions:**

I. All Green is White is a possibility.

- II. No Blue is White.
- (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.

**Directions (121-125):** Study the following information carefully and answer the questions given below:

Eight persons i.e. J, K, L, M, N, O, P and Q sits around a Square table with four of them sitting around the corner and are facing towards the centre of table while rest are sitting around the middle side of table and are facing away from the centre of table. There is equal distance between all persons. Those sitting at the corner of table like a different fruit i.e. Apple, Orange, Grape and Banana. N sits third to the left of J. K sits to the immediate left of O. M sits opposite to L, who does not sit at middle of the sides. J is immediate neighbor of K. L does not sit next to P. Person sitting next to O likes either Grape or Orange. Three persons sit between Q and P. The one who likes Banana sits second to the left of the one who likes Grape.

**Q121.** Who among the following faces the one who likes Banana?

- (a) 0
- (b) N
- (c) The one who likes Orange
- (d) The one who likes Grape
- (e) None of these

**Q122.** Who among the following faces J?

- (a) 0
- (b) M
- (c) The one who likes Apple
- (d) L
- (e) None of these

**Q123.** The number of person sitting between the one who likes Grape and M, when counted from the right of M is same as the number of persons sitting between the one who likes Apple and \_\_\_\_, when counted from the right of

- (a) M
- (b) J
- (c) The one who likes Orange
- (e) None of these

**Q124.** Who among the following likes Banana?

- (a) J
- (b) L
- (c) M
- (d) The one who faces N
- (e) None of these

**Q125.** Four of the following are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?

- (a) N
- (b) K
- (c) M
- (d) L
- (e) 0

**Directions (126-130):** Study the following information carefully and answer the questions given below:

### In a certain code:

- "King of the Ring" is coded as "jo pg if sh"
- "Ring in to Jericho" is coded as "sh po sk sj"
- "Walls of Jericho" is coded as "xt pg sj"
- "Break the Walls" is coded as "rk if xt"

**Q126.** What is the code for the word "in"?

- (a) jo
- (b) pg
- (c) po
- (d) sk
- (e) Cannot be determined

**Q127.** What is the code for the word "Break"?

- (a) rk
- (b) jo
- (c) po
- (d) sk
- (e) None of the above





### Q128. What is the code for the word "to"?

- (a) jo
- (b) pg
- (c) po
- (d) sk
- (e) Cannot be determined

### **Q129.** What is the code for the word "Jericho"?

- (a) sk
- (b) sh
- (c) sj
- (d) rk
- (e) None of the above

### **Q130.** Which of the following word is coded as "xt"?

- (a) in
- (b) Break
- (c) Jericho
- (d) Walls
- (e) None of the above

# **Directions (131-132):** Study the following information carefully and answer the questions given below:

In a family of three generations there are seven family members i.e. J, K, P, Q, X, Y and Z. J has only one child. X is the brother of Y and Z. Y is the granddaughter of K. K is the mother-in-law of Q. P is the father of Z and son of J.

# **Q131.** How is Z related to J?

- (a) Grandson
- (b) Granddaughter
- (c) Father
- (d) Son
- (e) Cannot be determined

### **Q132.** How is Q related to X?

- (a) Mother
- (b) Father
- (c) Daughter
- (d) Son
- (e) None of these

# **Directions (133-134):** Study the following information carefully and answer the questions given below:

In a family of three generations there are eight members i.e. P, B, N, A, C, L, H and G. B is the wife of P. H is the grandson of B. P has only two daughters. G is the cousin of H. N is the father of H. A is daughter of P. L is the son in law of B. N is husband of A. C is the aunt of H.

### **Q133.** How is G related to B?

- (a) Son
- (b) Daughter
- (c) Grand daughter
- (d) Grand son
- (e) Cannot be determined

### Q134. How is L related to G?

- (a) Father
- (b) Mother
- (c) Son
- (d) Grand father
- (e) Cannot be determined

# **Q135.** How many pairs of letters are there in the word 'TROLLS', each of which have as many letters between them in the word as they have between them in the English alphabet?

- (a) one
- (b) two
- (c) three
- (d) four
- (e) None

# **Directions (136-140):** Study the information carefully and answer the questions given below.

Eight people P, Q, R, S, T, U, V, and W are going on holiday on two different dates i.e. 5 and 8 in four different months i.e. January, March, April and May but not necessarily in the same order.

V goes on the 5<sup>th</sup> of April. Two persons are going in between V and P. More than two persons are going between U and S. U goes just after R but not in the same month. More than Four persons are going between S and W. None of them goes in the month that has an even number of days. More than one person goes between W and Q. T does not go in March.

# **Q136.** Who among the following person goes on 8th march?

- (a) U
- (b) Q
- (c) R
- (d) T
- (e) None of these

### **Q137.** How many persons are going between T and S?

- (a) Four
- (b) One
- (c) Two
- (d) None
- (e) Three

# **Q138.** Who among the following person goes just before V?

- (a) T
- (b) R
- (c) W
- (d) U
- (e) None of these







**Q139.** Four of the following five are alike in a certain and form a group, find the one that does not belong to that group?

- (a) R
- (b) Q
- (c) U
- (d) T
- (e) P

Q140. Which of the following pair of persons goes in May?

- (a) W, P
- (b) U, W
- (c) S, P
- (d) U, S
- (e) None of these

**Directions (141-145):** In these questions, relationship between different elements is show in the statements. The statements are followed by conclusions. Study the conclusions based on the given statements and select the appropriate answer:

### Q141.

Statements:  $K<I>L\geq Y>T=R<W\leq D$ 

Conclusion I: L>R II: D≥T

- (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.

#### 0142.

Statements: E=D≥C>V<U<N>M Conclusion I: C<E II: N>D

- (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.

### Q143.

Statements: O<Z=Q=T≥L≥A≤B Conclusion I: A<Z II: Z=A

- (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.

#### **Q144**.

Statements: P<H<J≤K>B>S≤X Conclusion I: K≥P II: S>K

- (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.

### Q145.

Statements:  $W \le C = Y \ge N > F = J \le T$ Conclusion I:  $N \ge T$  II: C > J

- (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.

**Directions (146-150):** Study the following information carefully and answer the questions given below.

### In a certain code language,

'masked peace night property' is coded as 'la ja ta sa', 'senior peace property' is coded as 'sa ty ta'.

'masked peace science wing' is coded as 'ja sa op nm' 'water save wing' is coded as 'op vs rt'

**Q146.** Which of the following represents the code for 'night'?

- (a) sa
- (b) ta
- (c) la
- (d) ja
- (e) None of these

Q147. How is 'peace' coded in the given language?

- (a) ja
- (b) sa
- (c) op
- (d) nm
- (e) Cannot be determined







### **Q148.** How is 'property' coded in the given language?

- (a) la
- (b) ja
- (c) sa
- (d) ta
- (e) Cannot be determined

### **Q149.** What can be the code for 'senior wing science'?

- (a) op ja nm
- (b) op ta nm
- (c) ty nm op
- (d) sa ta op
- (e) Cannot be determined

### Q150. How is 'water' coded in the given language?

- (a) vs
- (b) rt
- (c) op
- (d) nm
- (e) Cannot be determined

# **Directions (151-155):** Study the information carefully and answer the questions given below.

Eight persons P, Q, R, S, T, U, V and W are going for holidays on two different dates (13<sup>th</sup> and 22<sup>nd</sup>) in four different months i.e. January, March, April and May. All information is not necessarily in same order.

Q goes in April. Three person goes between Q and T. Equal number of persons goes after T and Before R. More than one person goes between R and S who does not goes on odd number date. One person goes between P and W. Equal number of persons goes after V and Before U who goes on odd number date. P does not go in the month of Q.

# **Q151.** Who among the following person goes on 13<sup>th</sup> January?

- (a) V
- (b) T
- (c) S
- (d) Q
- (e) None of these

### Q152. How many persons goes between V and S?

- (a) One
- (b) Three
- (c) Four
- (d) Five
- (e) None of these

- **Q153.** Who among the following person goes on even number date of the month which has even number of days?
- (a) W
- (b) Q
- (c) U
- (d) V
- (e) None of these

# **Q154.** How many persons go before S?

- (a) Two
- (b) One
- (c) Four
- (d) Five
- (e) None of these

# Q155. Which of the following combination is true?

- (a)13<sup>th</sup> January-Q
- (b) 22<sup>nd</sup> April-R
- (c) 13th April-V
- (d) 22nd March-P
- (e) None is true

# **Directions** (156-158): Study the information given below carefully and answer the questions that follow:

Point C is 2 m north of Point B. Point A is 1 m east of B and Point H is 2 m south of A. Point G is 1 m west of point H while Point D is 3 m east of point G and Point F is 2 m north of point D. Point E is just in middle of point H and point D.

# **Q156.** If Point K is 2m north of point F, then what is the shortest distance between point G to point K?

- (a) 8m
- (b) 7m
- (c) 10m
- (d) 5m
- (e) None of these

### **Q157.** In which direction is point C with respect to D?

- (a) North-East
- (b) North-West
- (c) South-East
- (d) West
- (e) None of these

# **Q158.** What is the distance and direction of point B with respect to F?

- (a) 3m, West
- (b) 5m, North
- (c) 7m, South
- (d) 3m, East
- (e) None of these





**Directions (159-160):** In each question below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts.

### Q159. Statements:

- I. Some sound are violin.
- II. All violin are music.
- III. only few music are loud.

### **Conclusions:**

- I. Some loud are sound is a possibility
- II. No violin are loud.
- III. Some music are sound.
- (a) Only I follows
- (b) Only III follows
- (c) Both I and II follows
- (d) Both I and III follows
- (e) None of these

# Q160. Statements:

- I. Only a few pink are blue.
- II. No blue are orange.
- III. All orange are green.

#### Conclusions:

- I. No orange is pink
- II. Some Green is blue is a possibility
- III. All pink is blue is a possibility
- (a) Only III follows
- (b) Both I and II follow
- (c) Only II
- (d) Both II and III follows
- (e) None of these

**Directions (161-165):** Study the following information carefully and answer the questions given below:

In a certain code language:

'member song mail' is written as 'yt po ki',

'Boat complete dope' is written as 'tu at uj',

'mail dope Boat' is written as 'at yt uj'

'member mail Boat' is written as 'vt uj ki'.

**Q161.** What is the code for 'song member' in the given code language?

- (a) tu uj
- (b) po ki
- (c) at uj
- (d) uj po
- (e) None of these

- **Q162.** What is the code for 'complete' in the given code language?
- (a) tu
- (b) ki
- (c) at
- (d) uj
- (e) None of these

**Q163.** What is the code for 'Boat' in the given code language?

- (a) tu
- (b) po
- (c) at
- (d) uj
- (e) None of these

**Q164.** What may be the code for 'mail delivered'?

- (a) yt sa
- (b) po ki
- (c) at sa
- (d) sa tu
- (e) None of these

**Q165.** What is the code for 'mail dope' in the given code language?

- (a) yt fa
- (b) yt at
- (c) uj ki
- (d) yt uj
- (e) None of these

**Directions (166-170):** Study the following information carefully and answer the given questions:

A group of seven persons –J, K, L, M, N, O and P like different fruits i.e. kiwi, mango, apple, guava, watermelon, orange and strawberry. They attend classes on different days of week starting from Monday to Sunday. No two persons has class on same day of the week.

N attends class on Friday. Only one person attends class between the one who likes guava and the one who likes watermelon. K likes apple. More than one person attends the class between the one who likes orange and the one who likes strawberry. N likes Guava. M likes kiwi. P attends class on Sunday. Only one person attends class between J and L. Neither the one who likes orange nor the one who likes kiwi attends the class on Saturday. K attends class on Tuesday. The one who likes mango attends the class before the one who likes apple.

**Q166.** How many persons attend the class between the one who likes orange and P?

- (a) one
- (b) two
- (c) three
- (d) more than three
- (e) None of these



### Q167. Who likes Watermelon?

- (a) K
- (b) L
- (c) M
- (d) P
- (e) None of these

### Q168. Who attends class on Thursday?

- (a) J
- (b) L
- (c) M
- (d) 0
- (e) None of these

### Q169. Who attends class on Saturday?

- (a) K
- (b) 0
- (c) P
- (d) L
- (e) None of these

# **Q170.** If K is related to Mango and N is related to Kiwi, then in the similar way, P is related to?

- (a) Apple
- (b) Orange
- (c) Strawberry
- (d) Kiwi
- (e) Cannot be determined

# **Directions (171-173):** Study the following information to answer the given questions:

Some persons are sitting in a row such that all are facing towards the north direction. Only two person sits between C and M. Only seven person sits between R and M. More than four person sits between M and W. Only three person sits between R and W. C and W are not immediate neighbours. W sits on the left of M. Only 14 person sits on the left of M. N sits third to the right of M and sits at one of the ends of the row.

### **Q171.** How many persons sit between C and R?

- (a) Three
- (b) Four
- (c) Five
- (d) Two
- (e) None of these

### Q172. How many persons sit on the left of R?

- (a) Four
- (b) Five
- (c) Seven
- (d) Six
- (e) None of these

### **Q173.** How many persons sits in the row?

- (a) 20
- (b) 17
- (c) 18
- (d) 19
- (e) None of these

# **Directions (174-175):** Study the following information carefully and answer the questions.

Six plates have different sizes. Size of plate F and B are greater than plate A. Plate C is greater than A but smaller than F and B. D is not smallest but smaller than C. Size of plate F is smaller than plate E but greater than plate B. It is given 3rd largest plate is 132 cm. Smallest plate is 69 cm.

### **Q174.** What may be the value of plate C?

- (a) 117 cm
- (b) 135 cm
- (c) 169 cm
- (d) 158 cm
- (e) None of these

### **Q175.** Which one is the greatest plate (according to size)?

- (a) F
- (b) B
- (c) D
- (d) E
- (e) None of these

# **Directions (176-180):** Study the information carefully and answer the questions given below.

Eight persons are sitting around a square table such that four of them sit at the corners and rest on the middle of the sides. C does not sit on the middle of the sides. The persons sitting at the corners face same direction but opposite to the persons sitting at the middle of the sides. A faces E. Not more than one person sits between D and F, when counted from the left of F.D is not neighbor of A.H sits  $2^{nd}$  left to G, who is one of the neighbors of E. H sits opposite of B. C does not sit  $2^{nd}$  right of A.

### **Q176.** What is the position of H with respect to C?

- (a) 3<sup>rd</sup> to the left
- (b) 3<sup>rd</sup> to the right
- (c) 4th to the left
- (d) 5th to the right
- (e) none of these



Q177.	Four	of	following	form	a	group	find	the	one	that
does n	ot bel	ong	g to that gr	oup?						

- (a) E
- (b) F
- (c) C
- (d) D
- (e) A

### **Q178.** Who sits opposite to D?

- (a) E
- (b) F
- (c) C
- (d) B
- (e) none of these

### **Q179.** What is the position of G with respect to B?

- (a) 3<sup>rd</sup> to the left
- (b) 3<sup>rd</sup> to the right
- (c) 4th to the left
- (d) 5th to the right
- (e) none of these

# **Q180.** How many persons sit between C and E, when counted from the right of C?

- (a) Two
- (b) One
- (c) Three
- (d) Four
- (e) None of these

# **Directions (181-185):** Study the following information carefully and answer the questions given below:

Six persons are sitting in a row Some of them are facing to the north while rest are facing to South. P sits 3<sup>rd</sup> to the left of B and both does not sit at the extreme ends. The persons who sit at the extreme ends are facing opposite direction. There are two persons sit between X and T. X does not sit near to B. R sits 3<sup>rd</sup> to the right of Y, who is an immediate neighbor of B. R faces to the north. Y faces opposite direction with respect to R. Both P and T are facing in the same direction as R.

### **Q181.** How many persons are facing to the north?

- (a) Two
- (b) Three
- (c) One
- (d) Four
- (e) Five

# **Q182.** Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?

- (a) P
- (b) T
- (c) Y
- (d) B
- (e) R

### **Q183.** What is the position of X with respect to R?

- (a) 3<sup>rd</sup> to the left
- (b) 2<sup>nd</sup> to the right
- (c) Immediate to the left
- (d) 2<sup>nd</sup> to the left
- (e) None of these

# **Q184.** How many persons are sit right side from T?

- (a) Two
- (b) One
- (c) Three
- (d) Four
- (e) None of these

# **Q185.** Who among the following persons are sitting at extreme end?

- (a) P-X
- (b) X-Y
- (c) P-T
- (d) B-X
- (e) R-Y

# **Directions (186-190):** Study the following information carefully and answer the questions given below: In a certain code language:

- 'Agent Industry Order' is written as 'rd en dy',
- 'Organized Agent Paper' is written as 'op pg en',
- 'Industry Ready Order' is written as 'dy rd ae'
- 'Agent Long Cry' is written as 'en yg cn'.

# **Q186.** What is the code for 'Ready' in the given code language?

- (a) rd
- (b) ae
- (c) dy
- (d) cn
- (e) None of these

# **Q187.** If 'Organized' is coded as 'pg'. What is the code for 'Bank Paper' in the given code language?

- (a) op ae
- (b) yg pg
- (c) yg op
- (d) op kb
- (e) None of these





**Q188.** What is the code for 'Industry' in the given code language?

- (a) en
- (b) pg
- (c) rd
- (d) dy
- (e) Can't be determined

**Q189.** What may be the code for 'order Smart Cry' in the given code language?

- (a) rd mr ew
- (b) dy yg mr
- (c) yg cn mr
- (d) cn yg rd
- (e) None of these

Q190. What may be the code for 'long'?

- (a) op
- (b) cn
- (c) yg
- (d) Either (b) or (c)
- (e) None of these

**Directions (191-195):** Study the following information carefully and answer the questions given below:

In a certain code language:

'Loss Profit Strong' is written as 'os if gn',

'Profit Chart Strong' is written as 'rt gn if',

'Boat Profit Cost' is written as 'if ot so'

'Strong Chart Profit' is written as 'gn rt if'.

**Q191.** What is the code for 'Chart' in the given code language?

- (a) gn
- (b) if
- (c) ot
- (d) rt
- (e) None of these



**Q192.** If 'Boat' is coded as 'so'. What is the code for 'article cost' in the given code language?

- (a) le if
- (b) ot le
- (c) so gn
- (d) if rt
- (e) None of these

**Q193.** What is the code for 'Profit' in the given code language?

- (a) if
- (b) gn
- (c) ot
- (d) rt
- (e) Can't be determined

**Q194.** What may be the code for 'Strong' in the given code language?

- (a) if
- (b) rt
- (c) gn
- (d) so
- (e) None of these

Q195. What may be the code for 'Loss Chart cost'?

- (a) so gn ot
- (b) if gn ot
- (c) os gn ot
- (d) so gn if
- (e) None of these

**Directions (196-200):** Study the information carefully and answer the questions given below.

Seven persons live on seven different floors of the building. The ground floor is numbered as 1 and the top floor is numbered as 7. Each of them likes different colours i.e. Black, Yellow, Pink, Green, Orange, White and Red but not necessarily in the same order.

Two persons live between the one who likes Pink colour and Q. N lives on even number floor. P lives just above M. The one who likes yellow lives above the one who likes Black but not just above. N likes Pink. One person lives between Q and R. Q lives above R. The one who likes green colour live on the 2<sup>nd</sup> floor. P does not like Green colour. S lives above N and does not like Red and yellow colour. One person lives between the one who likes white and the one who likes black colour. S does not like the white colour. The one who likes yellow colour lives on an even-numbered floor. O does not like red colour.

### 200 Questions of Reasoning Ability

**Q196.** Who among the following person likes Red colour?

- (b) S
- (c) M
- (d) P
- (e) None of these

**Q197.** Which of the following colour likes by M?

- (a) White
- (b) Pink
- (c) Yellow
- (d) Green
- (e)Orange

**Q198.** How many persons live between N and O?

- (a) Five
- (b) Three
- (c) Four
- (d) One
- (e) None

Q199. Four of the following five are alike in certain way based from a group, find the one that does not belong to that group?

- (a) R
- (b) Q
- (c) P
- (d) S
- (e) M

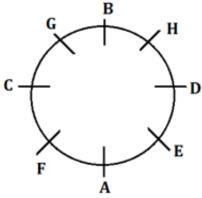
Q200. Who among the following person likes Black colour?

- (a) Q
- (b) M
- (c) 0
- (d) R
- (e) None of these

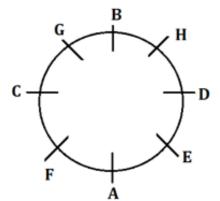
# **Solutions**

S1. Ans. (a)

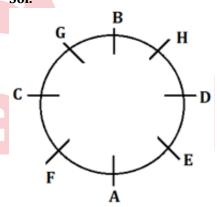
Sol.



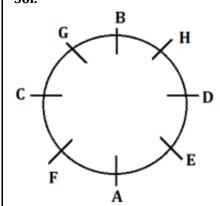
S2. Ans. (c) Sol.



**S3.** Ans. (d) Sol.

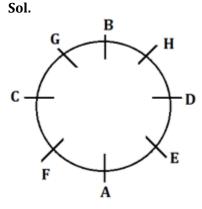


S4. Ans. (e) Sol.





S5. Ans. (a)



# S6. Ans. (b) Sol.

Original Series: MINTS RAGSE CULTS NIGAS PEMTO
After Rearrangement: CULTS MINTS NIGAS PEMTO RAGES

# **S7. Ans.** (e) **Sol.**

Original Series: MINTS RAGSE CULTS NIGAS PEMTO
After Rearrangement IMNST AEGRS CLSTU AGINS EMOPT

### S8. Ans. (d)

**Sol.** Between (C and S) only fifteen letters are there.

### S9. Ans. (c)

**Sol.** Between (M and O) there are No vowels.

### S10. Ans. (e)

**Sol.** Between (P and R) there are only one letters.

### S11. Ans. (a) Sol.

Words	Codes
who	ck
among	rd
the	st
following	op
person	nt /ks
good	ks /nt
are	nj

# **S12.** Ans. (d) Sol.

Words	Codes
who	ck
among	rd
the	st
following	op
person	nt /ks
good	ks /nt
are	nj

# S13. Ans. (c)

Sol.

Words	Codes
who	ck
among	rd
the	st
following	op
person	nt /ks
good	ks /nt
are	nj

### S14. Ans. (d)

Sol.

Words	Codes
who	ck
among	rd
the	st
following	op
person	nt /ks
good	ks /nt
are	nj

# S15. Ans. (e)

Sol.

Words	Codes
who	ck
among	rd
the	st
following	op
person	nt /ks
good	ks /nt
are	nj

# S16. Ans.(c)

**Sol.** Q>P>R>U>T>S>V

### S17. Ans.(b)

**Sol.** Q>P>R>U>T>S>V

### S18. Ans.(c)

**Sol.** Q>P>R>U>T>S>V

### S19. Ans.(d)

**Sol.** Total number of persons in the row=(21+32-1)=52

### S20. Ans.(c)



S21. Ans. (c)

Sol.

$$R(+) = R(-)$$
  $Q(+) = N(-)$   
 $Q(+) = N(-)$   
 $Q(+) = N(-)$   
 $Q(+) = N(-)$ 

S22. Ans. (a)

Sol.

$$R(+) = R(-)$$
  $Q(+) = N(-)$   
 $Q(+) = N(-)$   
 $Q(+) = N(-)$   
 $Q(+) = N(-)$ 

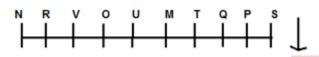
S23. Ans. (a)

Sol.

$$R(+) = R(-)$$
  $Q(+) = N(-)$   
 $Q(+) = N(-)$   
 $Q(+) = N(-)$   
 $Q(+) = N(-)$ 

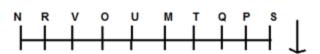
S24. Ans.(c)

Sol.



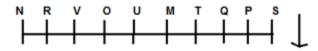
S25. Ans.(e)

Sol.



S26. Ans.(b)

Sol.



S27. Ans.(e)

Sol. After arrangement: AAEEOBLNRS

S28. Ans.(a)

S29. Ans.(e)

Sol. PR20

S30. Ans.(d)

Sol. PR, PS, RS, PR, TV

S31. Ans. (a)

Sol.

Word	Code
Universal	mn
Survey	pq
Plastic	as
Paper	bn
Prime	cd
Every	yi
Safe	st
Journey	xm/yh
Whole	xm/yh

S32. Ans. (d)

Sol.

Word	Code
Universal	mn
Survey	pq
Plastic	as
Paper	bn
Prime	cd
Every	yi
Safe	st
Journey	xm/yh
Whole	xm/yh

S33. Ans. (e)

Sol.

Word	Code
Universal	mn
Survey	pq
Plastic	as
Paper	bn
Prime	cd
Every	yi
Safe	st
Journey	xm/yh
Whole	xm/yh

S34. Ans. (b)

Word	Code
Universal	mn
Survey	pq
Plastic	as
Paper	bn
Prime	cd
Every	yi
Safe	st
Journey	xm/yh
Whole	xm/yh





# **S5.** Ans. (b)

### Sol.

Word	Code
Universal	mn
Survey	pq
Plastic	as
Paper	bn
Prime	cd
Every	yi
Safe	st
Journey	xm/yh
Whole	xm/yh

### S36. Ans.(e)

**Sol.** Original number- 67459138 Obtained number- 34126249

S37. Ans.(c)

S38. Ans.(a)

Sol. (AC, AD)

S39. Ans.(c)

S40. Ans.(b)

Sol.

N>M>L>K>J

S41. Ans.(e)

S42. Ans.(e)

S43. Ans.(c)

S44. Ans.(c)

\$45. Ans.(a)

S46. Ans. (a)

Sol.

$$B > D > E > A > C > F$$
25
17
8



S47. Ans. (b)

Sol.

B > D > E > A > C > F

S48. Ans. (e)

Sol.

B > D > E > A > C > F25 17 8

S49. Ans. (d)

Sol.

Boxes
Z
G
D
R
N
L
P
T

\$50. Ans. (c)

Sol.

Boxes
Z
G
D
R
N
L
P
Т

S51. Ans. (c)

Boxes	
Z	
G	
D	
R	_
N	
L	_
P	_
Т	





S52. Ans. (a)

Sol.

Boxes
Z
G
D
R
N
L
P
T

\$53. Ans. (b)

Sol.

Boxes
Z
G
D
R
N
L
P
T

**S54.** Ans.(b)





**S55.** Ans. (b)

**Sol.** The coding is done in the following way:



\$56. Ans.(e)

**Sol.** 
$$A > M(25) > C > X(18) > G > K(5) > S$$

\$57. Ans.(c)

**Sol.** 
$$A > M(25) > C > X(18) > G > K(5) > S$$

\$58. Ans.(d)

**Sol.** 
$$A > M(25) > C > X(18) > G > K(5) > S$$

\$59. Ans. (a)

S60. Ans.(e)

Sol.



S61. Ans.(a)

**Sol.** I. 
$$L \le M(true)$$
 II.  $C < K(false)$ 

S62. Ans.(d)

**Sol.** I. 
$$T > Y(false)$$
 II.  $E \le N(false)$ 

S63. Ans.(b)

S64. Ans.(b)

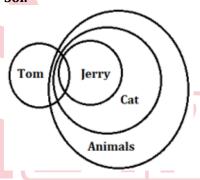
**Sol.** I. 
$$E \ge H(false)$$
 II.  $K \ge D(true)$ 

S65. Ans.(e)

**Sol.** I. 
$$W > J(true)$$
 II.  $F > A(true)$ 

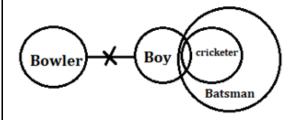
**S66.** Ans.(c)

Sol.

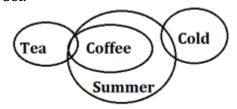


S67. Ans.(e)

Sol.



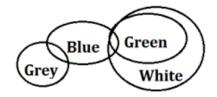
S68. Ans.(a)





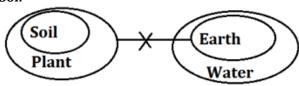






# S70. Ans.(a)

Sol.



### S71. Ans. (a)

Sol. I. E<K (True) II.K<H(False)

### S72. Ans. (e)

**Sol.** I. P>S (True) II.B>S(True)

### S73. Ans. (d)

**Sol.** I. M>T (False) II.M≤O (False)

### S74. Ans. (d)

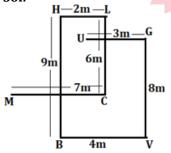
**Sol.** I.X>U(False) II.A≤Y(False)

# S75. Ans. (d)

**Sol.** I.P  $\leq$  E (False) II. P>V (False)

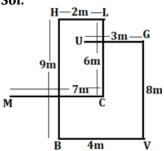
# **S76. Ans.(b)**

Sol.



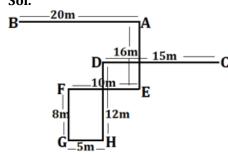
### **S77. Ans.(b)**

Sol.



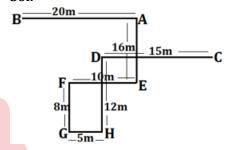
# S78. Ans.(c)

Sol.



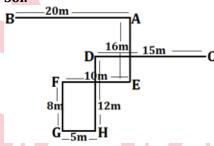
### \$79. Ans.(b)

Sol.



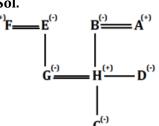
# \$80. Ans.(c)

Sol.

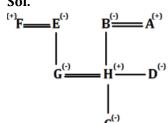


# S81. Ans.(c)

Sol.



# S82. Ans.(a)

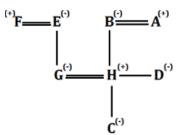






S83. Ans.(b)

Sol.

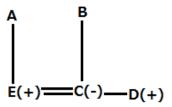


S84. Ans.(d)

S85. Ans.(b)

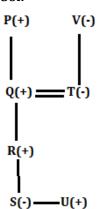
S86. Ans.(d)

Sol.

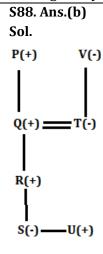


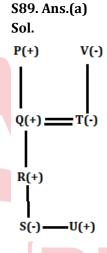
**S87.** Ans.(c)

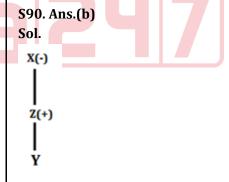
Sol.

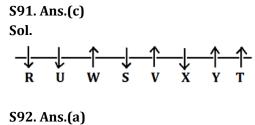










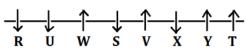






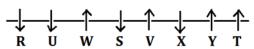
S93. Ans.(d)

Sol.



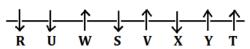
### S94. Ans.(a)

Sol.



# S95. Ans.(b)

Sol.



### \$96. Ans.(a)

Sol.

745, 895, 497 368, 482 457, 589, 479, 368, 248

### S97. Ans.(d)

**Sol.** 642 747 367 274 316

### S98. Ans.(a)

**Sol.** The resultants are= 7, 3, 1, 4, -3

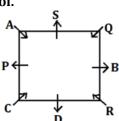
# S99. Ans.(c)

**Sol.** 927 717 319 546 260

# S100. Ans.(a)

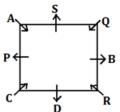
### S101. Ans.(a)

Sol.



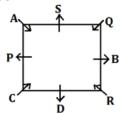
### S102. Ans.(c)

Sol.



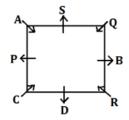
# S103. Ans.(d)

Sol.



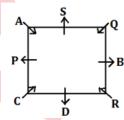
### S104. Ans.(b)

Sol.



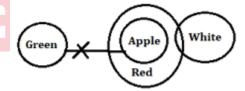
# \$105. Ans.(d)

Sol.



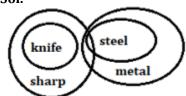
# S106. Ans.(b)

Sol.

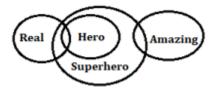


# S107. Ans.(c)

Sol.



### S108. Ans.(a)

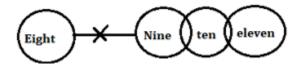






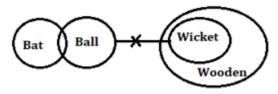
S109. Ans.(e)

Sol.



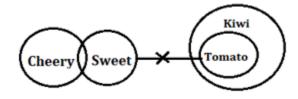
S110. Ans.(b)

Sol.



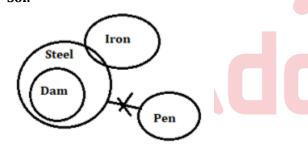
S111. Ans.(a)

Sol.



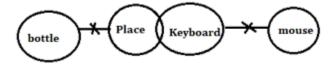
S112. Ans.(b)

Sol.



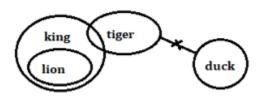
S113. Ans.(a)

Sol.



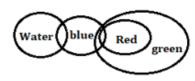
S114. Ans.(e)

Sol.



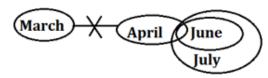
### S115. Ans.(c)

Sol.



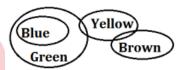
### S116. Ans.(d)

Sol.



# S117. Ans.(a)

Sol.



# S118. Ans.(a)

Sol.

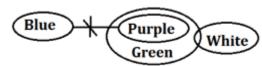


# S119. Ans.(b)



### S120. Ans.(d)

Sol.



# S136. Ans.(b)

Date Month	5 <sup>th</sup>	8 <sup>th</sup>
January	W	R
March	U	Q
April	V	T
May	S	P





### S137. Ans.(d) Sol.

Date Month	5 <sup>th</sup>	8th
January	W	R
March	U	Q
April	V	T
May	S	P

# S138. Ans.(e) Sol.

Date Month	5 <sup>th</sup>	8 <sup>th</sup>
January	W	R
March	U	Q
April	V	T
May	S	P

# S139. Ans.(c) Sol.

Date Month	5 <sup>th</sup>	8 <sup>th</sup>
January	W	R
March	U	Q
April	V	T
May	S	P

### S140. Ans.(c) Sol.

,01.		
Date Month	5 <sup>th</sup>	8 <sup>th</sup>
January	W	R
March	U	Q
April	V	T
May	S	P

S141. Ans.(a)

**Sol.** I: L>R(True)

II: D≥T (False)

S142. Ans.(d)

**Sol.** I: C<E(false)

II: N>D (False)

S143. Ans.(c)

**Sol.** I: A<Z(False)

II: Z=A (False)

# S144. Ans.(d)

**Sol.** I: K≥P(False)

II: S>K (False)

S145. Ans.(b)

**Sol.** I: N≥T (False)

II: C>J (True)

# S146. Ans.(c)

Sol.

Word	Code
Masked	Ja
Peace	Sa
Night	La
Property	Ta
Senior	Ту
Science	Nm
Wing	Op
Water/save	rt/vs

# S147. Ans.(b)

Sol.

Word	Code
Masked	Ja
Peace	Sa
Night	La
Property	Ta
Senior	Ту
Science	Nm
Wing	Op
Water/save	rt/vs

# S148. Ans.(d)

Sol.

Word	Code
Masked	Ja
Peace	Sa
Night	La
Property	Ta
Senior	Ту
Science	Nm
Wing	Op
Water/save	rt/vs

# S149. Ans.(c)

JU1.	
Word	Code
Masked	Ja
Peace	Sa
Night	La
Property	Ta
Senior	Ту
Science	Nm
Wing	Op
Water/save	rt/vs





### S150. Ans.(e) Sol.

Word	Code
Masked	Ja
Peace	Sa
Night	La
Property	Ta
Senior	Ту
Science	Nm
Wing	Op
Water/save	rt/vs

# S151. Ans.(e)

Sol.

Date Month	13 <sup>th</sup>	22 <sup>nd</sup>
January	U	T
March	P	S
April	W	Q
May	R	V

### S152. Ans.(b)

Sol.

Date Month	13 <sup>th</sup>	22 <sup>nd</sup>
January	U	T
March	P	S
April	W	Q
May	R	V

# S153. Ans.(b)

Sol.

011		
Date Month	13 <sup>th</sup>	22 <sup>nd</sup>
January	U	T
March	P	S
April	W	Q
May	R	V

# S154. Ans.(e)

Sol.

011		
Date Month	13 <sup>th</sup>	22 <sup>nd</sup>
January	U	T
March	P	S
April	W	Q
May	R	V

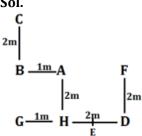
# S155. Ans.(e)

Sol.

Date Month	13 <sup>th</sup>	22 <sup>nd</sup>
January	Ū	T
March	P	S
April	W	Q
May	R	V

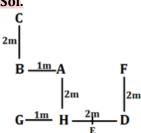
# S156. Ans.(d)

Sol.

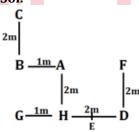


# **S157.** Ans.(b)

Sol.



# S158. Ans.(a)

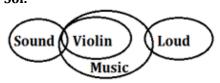




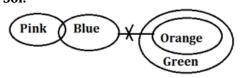




S159. Ans.(d) Sol.



S160. Ans.(c) Sol.



# **S161.** Ans.(b) **Sol**.

Word	Code
Member	<u>ķi</u>
Song	ро
Mail	χţ
Boat	ui
Dope	at
Complete	ţu

# S162. Ans.(a) Sol.

Word	Code
Member	<u>ki</u>
Song	ро
Mail	<u>yt</u>
Boat	ui
Dope	at
Complete	tu

# S163. Ans.(d) Sol.

,01.	
Word	Code
Member	<u>ki</u>
Song	ро
Mail	<u>yt</u>
Boat	uj
Dope	at
Complete	tu

# S164. Ans.(a) Sol.

Word	Code
Member	<u>ķi</u>
Song	ро
Mail	<u>yt</u>
Boat	uj
Dope	at
Complete	tu

# S165. Ans.(b)

### Sol.

Word	Code
Member	<u>ki</u>
Song	ро
Mail	<u>yt</u>
Boat	ui
Dope	at
Complete	tu

# S166. Ans. (c)

### Sol.

Week	Person	Fruit
Monday	J/L	Mango
Tuesday	K	Apple
Wednesday	L/J	Orange
Thursday	М	Kiwi
Friday	N	Guava
Saturday	О	Strawberry
Sunday	P	Watermelon

# S167. Ans. (d)

Week	Person	Fruit
Monday	J/L	Mango
Tuesday	к	Apple
Wednesday	L/J	Orange
Thursday	M	Kiwi
Friday	N	Guava
Saturday	О	Strawberry
Sunday	Р	Watermelon





# S168. Ans.(c) Sol.

Week	Person	Fruit
Monday	J/L	Mango
Tuesday	к	Apple
Wednesday	L/J	Orange
Thursday	M	Kiwi
Friday	N	Guava
Saturday	О	Strawberry
Sunday	Р	Watermelon

# S169. Ans.(b)

Sol.

Person	Fruit		
J/L	Mango		
к	Apple		
L/J	Orange		
M	Kiwi		
N	Guava		
О	Strawberry		
Р	Watermelon		
	J/L  K L/J  M N		

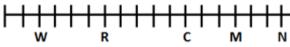
# S170. Ans.(c)

Sol.

Person	Fruit
J/L	Mango
K	Apple
L/J	Orange
М	Kiwi
N	Guava
О	Strawberry
Р	Watermelon
	J/L  K L/J  M  N

### S171. Ans.(b)



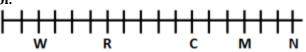


# S172. Ans.(d) Sol.

50	)1.																		
	_	L	_	_			_	L		L	L		L	_		L	_		
	Г	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	+	Т	Т	Т	•
			W	1			R					C			м			Ν	

### S173. Ans.(c)





S174. Ans.(a)

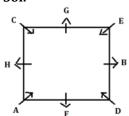
**Sol.** E>F>B(132)>C>D>A(69)

S175. Ans.(d)

**Sol.** E>F>B(132)>C>D>A(69)

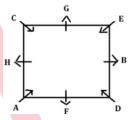
# S176. Ans.(e)

Sol.



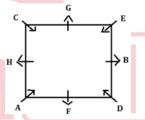
# S177. Ans.(b)

Sol.



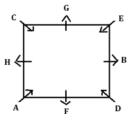
# S178. Ans.(c)

Sol.

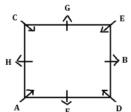


# S179. Ans.(e)

Sol.



### S180. Ans.(e)





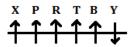
S181. Ans. (e) Sol.



S182. Ans. (c) Sol.



S183. Ans. (d) Sol.



S184. Ans. (a) Sol.



S185. Ans. (b) Sol.



S186. Ans.(b) Sol.

UI.	
Word	Code
Agent	en
Industry/order	rd/dy
Organized/paper	op/pg
Ready	ae
Long/Cry	yg/cn



# S187. Ans.(d)

Sol.

Word	Code
Agent	en
Industry/order	rd/dy
Organized/paper	op/pg
Ready	ae
Long/Cry	yg/cn

### S188. Ans.(e)

Sol.

Word	Code
Agent	en
Industry/order	rd/dy
Organized/paper	op/pg
Ready	ae
Long/Cry	yg/cn

### S189. Ans.(b) Sol.

01.	
Word	Code
Agent	en
Industry/order	rd/dy
Organized/paper	op/pg
Ready	ae
Long/Cry	yg/cn

# S190. Ans.(d)

Sol.

Word	Code
Agent	en
Industry/order	rd/dy
Organized/paper	op/pg
Ready	ae
Long/Cry	yg/cn

# S191. Ans.(d)

Word	Code
Loss	os
Profit	If
Strong	gn
Chart	rt
Boat/Cost	ot/so





# S192. Ans.(b)

Sol.

Word	Code
Loss	os
Profit	If
Strong	gn
Chart	rt
Boat/Cost	ot/so

# S193. Ans.(a)

Sol.

Word	Code
Loss	os
Profit	If
Strong	gn
Chart	rt
Boat/Cost	ot/so

# S194. Ans.(c)

Sol.

Word	Code
Loss	os
Profit	If
Strong	gn
Chart	rt
Boat/Cost	ot/so

# S195. Ans.(e)

Sol.

Word	Code
Loss	os
Profit	If
Strong	gn
Chart	rt
Boat/Cost	ot/so

# S196. Ans.(d)

Sol.

Floor	Person	Colour
7	S	Orange
6	N	Pink
5	P	Red
4	M	Yellow
3	Q	White
2	0	Green
1	R	Black

# S197. Ans.(c)

Sol.

Floor	Person	Colour
7	S	Orange
6	N	Pink
5	P	Red
4	M	Yellow
3	Q	White
2	0	Green
1	R	Black

# S198. Ans.(b)

Sol.

-	JU11			
	Floor	Person	Colour	
	7	S	Orange	
	6	N	Pink	
	5	P	Red	
	4	M	Yellow	
	3	Q	White	
	2	0	Green	
	1	R	Black	

# S199. Ans.(e)

Sol.

Floor	Person	Colour
7	S	Orange
6	N	Pink
5	P	Red
4	M	Yellow
3	Q	White
2	0	Green
1	R	Black

# S200. Ans.(d)

Floor	Person	Colour
7	S	Orange
6	N	Pink
5	P	Red
4	M	Yellow
3	Q	White
2	0	Green
1	R	Black