

Direction (1-5): These questions are based on the following arrangement of letters/numbers/symbols. Study them carefully and answer the questions given beside.

\$ E 5 S D % 2 W 8 U # B & C H β F 1 R M @ 3 J % T I L 4 * 6 A

Q1.If all the numbers, vowels and the symbols are removed from the above arrangement, which of the following will be the eighth element from the left end?

- A. L
- B. @
- C. M
- D. R
- E. None of these

Ans. D.

S D W B C H F R M J T L

Q2.Which of the following is the fifth to the right of eighth element to the left of the thirteenth element from the left end?

- A. β
- B. T
- C. A
- D. \$
- E. None of these

Ans. E.

\$ E 5 S D % 2 W 8 U # B & C H β F 1 R M @ 3 J % T I L 4 * 6 A

Q3.How many such numbers are there in the above arrangement each of which is immediately followed by a symbol and also immediately preceded by a letter?

- A. One
- B. Two
- C. Three
- D. Four

E. None of these

Ans. A.

\$ E 5 S D % 2 W 8 U # B & C H β F 1 R M @ 3 J % T I L 4 * 6 A

Q4. How many symbols are there which are immediately followed by a letter?

A. Only one

B. Two

C. Three

D. Four

E. None of these

Ans. D.

\$ E 5 S D % 2 W 8 U # B & C H β F 1 R M @ 3 J % T I L 4 * 6 A

Q5. Four of the five are alike in a certain way based on their positions in the above arrangement and hence form a group. Find out the one that does not belong to that group?

A. \$5S

B. %W8

C. BCH

D. R@3

E. I46

Ans. E

Except E, all other are same.

Direction (6-10): Read the given information carefully and answer the questions given beside:

Eight people Aarush, Bindu, Chunnu, Divya, Etti, Prithvi, Gopal and Harish live in an eight storey building, but not necessarily in the same order. The lowermost floor is numbered 1 and the topmost floor is numbered 8.

Aarush lives on an even-numbered floor but not on the floor numbered second or fourth. Only three floors are there between Aarush and Bindu. Only two people live between Chunnu and Etti. Prithvi lives on a floor above Divya. There are equal numbers of floors between the floors

on which Etti and Bindu live and between the floors on which Aarush and Etti live. Harish lives immediately below Divya's floor. Gopal lives immediately below Aarush's floor.

Q6. Prithvi lives on which of the following floors?

A.Third

B.Fifth

C.Sixth

D.Second

E.None of these

Ans. B.

Q7.How many floors are there between Bindu and Divya?

A.Five

B.One

C.Two

D.Three

E.None of these

Ans. B.

Q8.Who among the following lives on the first floor?

A.Harish

B.Chunnu

C.Prithvi

D.Etti

E.None of these

Ans. A.

Q9.Who among the following lives on the seventh floor?

A.Etti

- B.Prithvi
- C.Gopal
- D.Chunnu
- E.None of these

Ans.C.

Q10. Which of the following statements is/are true?

- A.Aarush lives on the sixth floor.
- B.Divya lives on the topmost floor.
- C.There are two people between Prithvi and Chunnu.
- D.Harish lives just above Aarush.
- E.Chunnu lives on the third floor.

Ans. E.

Floor Number	Person
8	Aarush
7	Gopal
6	Etti
5	Prithvi
4	Bindu
3	Chunnu
2	Divya
1	Harish

Direction (11-15): Read the given information carefully and answer the questions given beside:

Eight friends Koyal, Kamal, Kajal, Kajol, Komal, Kirti, Kiara and Kriti were born in different years 1987, 1989, 1991, 1992, 1993, 1994, 1997 and 1999 but not necessarily in the same order. The present ages can be calculated based on the year 2018.

Kajol is 5 years old in 1998. There is a difference of one year between the ages of Kajol and Komal. Kajal is three years elder to Komal. There is a difference of eight years between the ages of Kajal and Kirti. Kirti is two years elder to Kriti. Koyal's age is neither divisible by 2 nor 3. Kiara is younger to Kamal.

Q11. What is age of Kajol in the year 2016?

- A. 23 years
- B. 24 years
- C. 26 years
- D. 25 years
- E. None of these

Ans. A.

Q12. Who among the following is/are elder to Kamal?

- I. Only Koyal
- II. One who was born in 1989
- III. One who was born in 1993

- A. Only I
- B. Only I and III
- C. Only I and II
- D. Only I, II and III
- E. None of these

Ans. C.

Q13. How many friends are younger than Kiara?

- A. One
- B. Two
- C. Three

- D. Four
- E. None of these

Ans. B.

Q14. What is the age difference between Kirti and Kamal?

- A. 8
- B. 7
- C. 6
- D. 10
- E. None of these

Ans. C.

Q15. Which of the following friends born in leap year?

- A. Koyal
- B. Komal
- C. Kiara
- D. Kriti
- E. None of these

Ans. B.

Born Year	Present age	Friends
1987	31	<u>Koyal</u>
1989	29	<u>Kajal</u>
1991	27	Kamal
1992	26	<u>Komal</u>
1993	25	<u>Kajol</u>
1994	24	Kiara
1997	21	<u>Kirti</u>
1999	19	<u>Kriti</u>

1

Direction (16-18): 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:

- (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.

Q16. Statements: $D=V>G>V$, $N\geq D$, $G\geq H\geq E$

Conclusion: I: $V\leq N$ II: $N>H$

Ans. E.

I: $V\leq N$ (true)

II: $N>H$ (true)

Q17. Statements: $S\leq I$, $G<U\leq H$, $H<R<I$

Conclusion: I: $R \geq G$ II: $I > G$

Ans. B.

I: $R \geq G$ (false)

II: $I > G$ (true)

Q18. Statements: $G > S$, $G > T \geq L$, $R = J < L$

Conclusion: I: $T > R$ II: $S < L$

Ans. D.

I: $T > R$ (false)

II: $S < L$ (false)

Directions (19-21): 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 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.

Q19. Statements:

No Rose is Lily

Some flower are scent

A few lily are flower

Conclusions:

I. Some flower can be rose

II. All flower can be lily

(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.

Ans. E.

Q20. Statements:

Only a few pairs are watch.

Some watch is not pear.

All pear is year.

Only a few hand is pairs.

Conclusions:

I. Some pairs are not pear.

II. All year can be watch.

III. Some pairs are not hand.

(a)Both I and II

(b)Both I and III

(c)Both II and III

(d)Only I

(e)Only II

E.

Q21. Statements:

Only reuse is mint.

No rose is bike.

Some rose is reuse.

Only a few rollers are action.

Conclusions:

I. Some rollers are not rose.

II. No mint is rose.

III. All rollers can be bike

- (a) Both I and II
 - (b) Both I and III
 - (c) Both II and III
 - (d) Only I
 - (e) Only II
- A.

Q22. How many pairs of letters are there in the word "PERIPHERAL" 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

ANS. C.

PERIPHERAL = PR,HL,PR

Q23. Princy is 22nd from the left end of a row and Minny is 32th from the right end of row. If they interchanged their positions then Princy ranks become 21 from left end. Find total no. Of person?

- (a) 51
- (b) 53
- (c) 54
- (d) 52
- (e) None of these

Ans. D.

Total no.of person = $21+32-1= 52$

Q24. Among Q, P, O, N and M, each of them is different weight. O's weight is more than P. N's weight is more than Q and less than M. P is not the lightest person. N is not lighter than O. Who among them is the third heaviest?

- (a) Q
- (b) O
- (c) P
- (d) N
- (e) M

Ans. B.

$M > N > O > P > Q$

Q25. In a row of boys, Ashu is 18th from the right end and Yatin is 35th from the left end. If in this row Yatin is Fifteenth from the right then what is the position of Ashu from the left?

- (a) 31
- (b) 32
- (c) 30
- (d) 33
- (e) None of these

Ans. B.

Ashu from left end = $49 - (18-1) = 32$

Directions (26-30): Study the information and answer the given questions:

Eight employees will have to take the leave in the months of January, March, July and November but not necessarily in the same order. In each month, they all will take a leave on either 4th or 23th of the given month. Not more than two employees will take a leave on the same month. Only one employee will take a leave on each day.

Only one person will take a leave before the G. More than three persons will take a leave between G and A. Only one person will take a leave between A and H. Two persons will take a leave between H and B. Only one person will take a leave between B and F. Two persons will take a leave between F and C. D will take a leave one of the days after E. Neither D nor E will take a leave on 23th of the any of the given month.

Q26. Who among the following will take a leave on 4th January?

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

Ans. F.

Q27. Who among following will take a leave on 4th November?

- (a) A
- (b) C
- (c) G
- (d) D
- (e) B

Ans. D.

Q28. H will take a leave on which date and month?

- (a) 4th March
- (b) 23th March
- (c) 4th July
- (d) 23th July
- (e) None of these

Ans. D.

Q29. Who among following will take a leave on March month?

- (a) A, C
- (b) F, B
- (c) G, H
- (d) H, C
- (e) B, C

Ans. E.

Q30. How many persons will take a leave between F and E?

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

Ans. C.

Month	Date	Person
January	4	F
	23	G
March	4	B
	23	C
July	4	E
	23	H
November	4	D