

17. What should come in the place of question-mark (?) in the following series on the basis of above sequence?
★RJ, F6@, LJ\$, Q©£, D\$M, ?
- 1) PEW
 - 2) #MC
 - 3) PE?
 - 4) P?+
 - 5) None of these
18. If the first fifteen elements in the above sequence is reversed then which of the following will be twenty-first from the right end?
- 1) =
 - 2) 2
 - 3) L
 - 4) \$
 - 5) None of these
19. If the above sequence is written in reverse order then which of the following will be sixth to right of sixteenth element from the right end?
- 1) A
 - 2) ?
 - 3) B
 - 4) M
 - 5) None of these
20. How many such numbers are there in the above sequence, each of which is immediately preceded by a consonant and immediately followed by a symbol?
- 1) None
 - 2) One
 - 3) Four
 - 4) Three
 - 5) None of these
- Directions:** Study the following arrangement carefully and answer the questions given below :
- R 5 # 3 \$ M D P 1 4 F © A 6 E W J 2 @ δ K 8 Q 7 % U T I € V 9
21. Which of the following is the seventh to the left of the nineteenth from the left end of the above arrangement? 1) D 2) U 3) © 4) δ 5) None of these
22. What should come next in the following series based on the above arrangement?
53\$ P4F 6WJ δ8Q ?
- 1) UI€
 - 2) UT€
 - 3) UIV
 - 4) UTV
 - 5) None of these
23. How many such consonants are there in the above arrangement each of which is immediately preceded by a letter and immediately followed by a number?
- 1) None
 - 2) One
 - 3) Two
 - 4) Three
 - 5) More than three
24. If all the symbols in the above arrangement are dropped, which of the following will be the sixteenth from the right end?
- 1) F
 - 2) W
 - 3) J
 - 4) δ
 - 5) None of these
25. How many such symbols are there in the above arrangement each of which is immediately preceded by a number and immediately followed by a consonant?
- 1) None
 - 2) One
 - 3) Two
 - 4) Three
 - 5) More than three
26. How many such vowels are there in the above arrangement each of which is immediately preceded by a symbol and immediately followed by a number?
- 1) None
 - 2) One
 - 3) Two
 - 4) Three
 - 5) More than three
- Directions:** Study the following arrangement carefully and answer the questions given below:
- F @ 3 9 H © A D I % 4 E * \$ M K 2 U R P 5 W δ 8 1 T J V 7
27. How many such symbols are there in the above arrangement, each of which is immediately preceded by a number and immediately followed by a letter?
- 1) None
 - 2) One
 - 3) Two
 - 4) Three
 - 5) More than three
28. Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that does not belong to that group?
- 1) D%©
 - 2) 5δR
 - 3) TV8
 - 4) AIH
 - 5) E*\$
29. If all the symbols in the above arrangement, are dropped, which of the following will be the twelfth from the left end?
- 1) 4
 - 2) K
 - 3) 2
 - 4) U
 - 5) None of these
30. How many such consonants are there in the above arrangement, each of which is immediately preceded by a number and not immediately followed by a letter?
- 1) None
 - 2) One
 - 3) Two
 - 4) Three
 - 5) More than three
31. Which of the following is the tenth to the left of the sixth from the right end of the above arrangement?
- 1) %
 - 2) \$
 - 3) K
 - 4) P
 - 5) None of these
- Directions:** Study the following arrangement of letter-number-symbol and answer the questions given below.
- K 3 A Δ, V T R = 7 B M E 4 W S @ J N 9 P U C β Z 5 O D I Q G • L Y
32. How many such numbers are there in the above arrangement each of which is preceded by a symbol and immediately followed by a vowel ?
- 1) None
 - 2) One
 - 3) Two
 - 4) Three
 - 5) More than three

33. In the above arrangement what should come in the place of the question-mark (?) in the following series ?

A K V T A = 7 R M E B W ?

- 1) SW@ 2) S4J
3) S4@ 4) @WH
5) None of these

34. How many such consonants are there in the above arrangement, each of which is preceded by symbol and immediately followed by a number?

- 1) One 2) Two
3) Three 4) None
5) None of these

35. In the above arrangement if the first twenty elements are written in the reverse order then what is the sixth element to the left of eighteenth element from the left ?

- 1) B 2) =
3) 7 4) E
5) None of these

36. Four of the following five are alike in a certain way based on their positions in the above arrangement and form a group. Which is the one that does not belong to that group ?

- 1) CPβ 2) @WJ
3) 7RB 4) IOQ
5) A3V

- Directions:** Study the following arrangement carefully and answer the questions given below.

P J % 5 D \$ L O 3 # A Q 4 @ U F T ★ Z 8 K 2 M & H

37. How many such consonants are there in the above arrangement each of which is immediately preceded by a symbol but not followed by a number?

- 1) None 2) One
3) Two 4) Three
5) None of these

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

- 1) One 2) Two
3) Three 4) None
5) None of these

39. What should come in the place of question-mark (?) in the following series on the basis of above arrangement ?

J P 5 S D O # 3 Q @ 4 F ?

- 1) Z★8 2) T★8
3) Z★K 4) T★Z
5) ★T8

40. Which of the following is fourth to right of thirteenth from the right end?

- 1) ★ 2) T
3) F 4) Z
5) None of these

41. If the order of first ten elements is reversed which of the following will be twenty-first from the right end?

- 1) D 2) L
3) \$ 4) O
5) None of these

- Directions:** Study the following arrangement carefully answer the questions given below:

4 K % R T 3 E P # A 7 B 9 D I Q @ 2 8 V U © H J 5 F 1 % 6 M W

42. How many such consonants are there in the above arrangement, each of which is immediately preceded by a number but not immediately followed by a letter?

- 1) One 2) Two
3) Three 4) Four
5) More than four

43. Which of the following is the third to the left of the tenth from the left end in the above arrangement?

- 1) E 2) 9
3) B 4) P
5) None of these

44. Four of the following five, are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that does not belong to that group?

- 1) 2VQ 2) JF©
3) 165 4) TP%
5) H5U

45. How many such symbols are there in the above arrangement, each of which is immediately followed by a letter but not immediately preceded by a consonant?

- 1) Five 2) Four
3) Three 4) Two
5) One

46. Which of the following is the seventh to the right of the fourteenth from the right end in the above arrangement?

- 1) 7 2) 5
3) J 4) F
5) None of these

47. How many such numbers are there in the above arrangement, each of which is immediately preceded by a consonant but immediately followed by a consonant ?

- 1) One 2) Two
3) Three 4) Four
5) None of these

48. Which of the following is the fifth to the right of Q in the above arrangement?

1)B 2)7

3)U

4)©

5) None of these

49. How many such vowels are there in the above arrangement, each of which is immediately followed by a letter but not immediately preceded by a consonant?

1) None 2) One

3) Two 4) Three

5) Four

Directions: These questions are based on the following arrangement. Study the arrangement carefully and answer the questions.

MJS\$EKL43FI93JTQUR8A2D7@1PH6©

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

1) 5H 2) F2

3) K@ 4) J6

5) \$1

51. How many such vowels are there in the above arrangement each of which is immediately preceding a consonant?

1) None 2) One

3) Two 4) Three

5) More than three

52. How many such symbols are there in the above arrangement each of which is immediately-preceded by a numeral and also immediately followed by a consonant?

1) None 2) One


3) Two 4) Three

5) None of these

SERIES

- 1.1; Sixth to the right of the twenty - first from the right end means $(21 - 6 =)$ 15th from the right end ie 8.
 2.3; Such combinations are @EJ and %AV
 3.2; Such combination is Q\$6
 4.3; Such combinations are 1H% and 2Q\$

5.2; $8 \xrightarrow{+1} 1 \xrightarrow{-3} D$
 $\delta \xrightarrow{+1} 7 \xrightarrow{-2} 5$
 $P \xrightarrow{+1} 2 \xrightarrow{-3} 7$
 $E \xrightarrow{+1} J \xrightarrow{-3} R$
 $T \xrightarrow{+1} 4 \xrightarrow{-3} J$

- 6.4; The new arrangement
 W 3 R E J K T 4 B 9 I D U 8 1 H A V 5 7 M P 2 Q 6

 Fourteenth from the left end

7.1
 8.4; $M \xrightarrow{+2} D \xrightarrow{-3} A$
 $6 \xrightarrow{+2} \phi \xrightarrow{-3} 6$
 $4 \xrightarrow{+2} V \xrightarrow{-3} P$
 $F \xrightarrow{+2} K \xrightarrow{-4} @$
 $J \xrightarrow{+2} @ \xrightarrow{-3} U$

- 9.2; Twelfth to the right of sixth from the left end means $(12 + 6 =)$ 18th from the left ie δ .
 10.2; Such combinations is : J 2 @



- (11-15): (i) There are 30 elements in the sequence.
 (ii) There are 15 letters.
 (iii) There are 10 digits.
 (iv) There are 5 symbols.

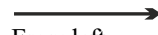
11.4; $6 \xrightarrow{+3} 2 \xrightarrow{+3} C$
 $\pounds \xrightarrow{+3} R \xrightarrow{+3} F$
 $Q \xrightarrow{+3} \star \xrightarrow{+3} 8$
 $R \xrightarrow{+3} F \xrightarrow{+3} \$$
 But
 $2 \xrightarrow{+2} \star \xrightarrow{+3} 8$

- 12.2; 9th element to the left of 18th element from left means 9th element from the left.
9th element from the left.
 S K 6 \pounds Q 2 \star C F 8
 The position of C has not been changed.

13.5;

S	K	\pounds
1	2	4


 From left
 9 W B
 1 2 4

 From right
 Q 2 \star
 5 6 8

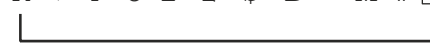

 From left
 Therefore,
 α Y V
 5 6 8

14.3; $S \xrightarrow{+2} 6 \xrightarrow{+2} Q \xrightarrow{+2} R \xrightarrow{+2} C$
 $9 \xrightarrow{-1} W \xrightarrow{-1} 7 \xrightarrow{-1} B \xrightarrow{-1} \alpha$
 $K \xrightarrow{+2} \pounds \xrightarrow{+2} 2 \xrightarrow{+2} \star \xrightarrow{+2} F$

15.1

(16-20):

- (i) There are altogether 30 elements in the sequence.
 (ii) There are 15 letters.
 (iii) There are 5 digits.
 (iv) There are 10 symbols.
 16.3; Sixth to the left of 18th element from the left means 12th from the left.

R \star T J L 2 \$ D = M # 8 C % B

 12th from the left

17.1;
 $\star \xrightarrow{-1} R \xrightarrow{+3} J$
 $J \xrightarrow{+1} L \xrightarrow{-1} J \xrightarrow{+3} \$$
 $\$ \xrightarrow{+1} D \xrightarrow{-1} \$ \xrightarrow{+3} M$

And,

$F \xrightarrow{+1} 6 \xrightarrow{-3} @$
 $@ \xrightarrow{-1} Q \xrightarrow{+1} @ \xrightarrow{-3} E$
 $E \xrightarrow{-1} P \xrightarrow{+1} E \xrightarrow{-3} W$

- 18.2; 21st element from the right means $15 + 6$
 The first fifteen elements have been written in the reserves order. It implies that first element from the left becomes fifteenth from the left (16th from right) and vice-versa, second element from the left becomes 14th from the left and vice-versa and so on.

3rd element from the left

- 13th element from the left 4th element from the left
 — 12th element from the left 5th element from the left
 — 11th element from the left 6th element from the left
 — 10th element from the left

Required answer is sixth element from the left in the original sequence, i.e., 2.

- 19.4; Sixth to the right of 16th element from the right means 10th element from the right but the sequence has been reversed. Therefore, required answer would be 10th element from the left in the original sequence.

R ★ T J L 2 \$ D = M # 8 C

10th from the left

20. 5;

Consonant	Digit	Symbol
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Such combinations are:

L 2 \$: K I &

21.3; Seventh to the left of nineteenth from the left means $(19 - 7 =)$ 12th from the left end ie ©.

22. 1; $5 \xrightarrow{+6} P \xrightarrow{+6} 6 \xrightarrow{+6} \delta \xrightarrow{+6} U$

$3 \xrightarrow{+6} 4 \xrightarrow{+6} W \xrightarrow{+6} 8 \xrightarrow{+6} I$

$\$ \xrightarrow{+6} F \xrightarrow{+6} J \xrightarrow{+6} Q \xrightarrow{+6} \%$

$\therefore ? = U I \%$

23. 3; Such combinations are: DP1, WJ2

24.1; When the symbols are dropped, the arrangement will be as follows:

R 5 3 M D P 1 4 F A 6 E W J 2 K 8 Q 7 U T I V 9

16th from the right end

25. 2; Such combination is 3 \$ M.

26. 2; Such combination is © A 6.

27. 1; There is no such combination.

28.5; $D \xrightarrow{+2} \% \xrightarrow{-4} \odot$

$5 \xrightarrow{+2} \delta \xrightarrow{-4} R$

$T \xrightarrow{+2} V \xrightarrow{-4} 8$

$A \xrightarrow{+2} I \xrightarrow{-4} H$

$E \xrightarrow{-2} \% \xrightarrow{+4} \$$

29. 3

30. 3; Such combinations are: 9H© and 5Wδ

31. 2; Tenth to the left of sixth from the right end means $(10 + 6 =)$ 16th from the right end ie \$.

32. 1; Symbol - Number - Vowel

There is no such combination.

33. 2; $A \xrightarrow{+1} T \xrightarrow{+3} 7 \xrightarrow{+3} E \xrightarrow{+3} S$

$K \xrightarrow{+3} \Delta \xrightarrow{+3} R \xrightarrow{+3} B \xrightarrow{+3} 4$

$V \xrightarrow{+3} = \xrightarrow{+3} M \xrightarrow{+3} W \xrightarrow{+3} J$

34. 1; There is only one such combination. βZ5

35. 3; New arrangement of the series:

P 9 N J @ S W 4 E M B 7 = R T V Δ A 3 K U
C β Z 5 O D I Q G ● L Y

In the above series, 6th element to the left of eighteenth element from the left means $(18 - 6 =)$ 12th element from the left. Hence the required element is 7.

36. 5; $C \xrightarrow{-2} P \xrightarrow{+3} \beta$

$@ \xrightarrow{-2} W \xrightarrow{+3} J$

$7 \xrightarrow{-2} R \xrightarrow{+3} B$

$J \xrightarrow{-2} O \xrightarrow{+3} Q$

But

$A \xrightarrow{-1} 3 \xrightarrow{+3} V$

(37-42):

37. 3; P J % 5 D \$ L O 3 # A Q 4 @ U F T ★ Z 8 K 2 M & H
1 2

38. 1; P J % 5 D \$ L O 3 # A Q 4 @ U F T Z 8 K 2 M & H
1

39. 5; $J \xrightarrow{+4} \$ \xrightarrow{+4} \# \xrightarrow{+4} @ \xrightarrow{+4} \rho$

$P \xrightarrow{+4} D \xrightarrow{+4} 3 \xrightarrow{+4} 4 \xrightarrow{+4} T$

$5 \xrightarrow{+4} O \xrightarrow{+4} Q \xrightarrow{+4} F \xrightarrow{+4} 8$

40. 2; दाहिने छोर से 13वां तत्व है 4 है तथा 4 से दाहिने चौथा T है।

41. 3; पहले दस अवयवों के स्थान उलटने पर,
3 O L \$ D 5 % J P A Q 4 @ U F T ★ Z 8 K 2 M & H
दाहिने छोर से 21वां तत्व \$ है।

42. 3;

Number	Consonant	Symbol or Number
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Such combinations are:

4k%

4k%	5F1
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43. 1

44. 4; $2 \xrightarrow{+2} V \xrightarrow{-4} Q$

$J \xrightarrow{+2} F \xrightarrow{-4} \odot$

$1 \xrightarrow{+2} 6 \xrightarrow{-4} 5$

$T \xrightarrow{+3} P \xrightarrow{-5} \%$

$H \xrightarrow{+2} 5 \xrightarrow{-4} U$

45. 5;

Vowel or Number of Symbol	Symbol	Letter
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Such combination is:

U C H

46. 2; 7th to the right of 14th from right means 7th from right end.

..... H J

5

 F 1 % 6 M W
7th from right

47. 2;

Consonant	Number	Vowel or Number of Symbol
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Such combination is:

T3E

,

F1%

48. 3; D I

Q

 @ 2 8 V

U

 ©

5th to right Q

49. 2;

Consonant	Vowel	Consonant
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There is only one such vowel:

50. 5; 5 → 3rd from left, H → 3rd from right

F → 10th from left, 2 → 10th from right

K → 6th from left, @ → 6th from right

J → 2nd from left, 6 → 2nd from right

\$ → 4th from left, 1 → 5th from right

51. 3;

VOWEL	CONSONANT
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Such combinations are:

EK, UR

52. 2;

Numerical	Symbol	Consonant
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9 # J