

Practice Questions For SBI/IBPS Clerk: Alphanumeric & Symbol Series

Directions {1-4} : Analyse and study the following Alphanumeric- Series carefully and answer the questions given below:

L M 4 S D 3 I N 7 O 5 G K X 1 B A 9 J 0 S V 6 Z Y

Q1. How many letters are there between the sixth letter from the left end and eighth letter from right end according to the English Alphabet series?

- (a) 10
- (b) 9
- (c) 11
- (d) 12
- (e) None of these

Ans.(b)

Sol. Step 1: Identify the sixth letter from the left end

We count only the alphabetical characters starting from the left:

- L (1st letter)
- M (2nd letter)
- S (3rd letter)
- D (4th letter)
- I (5th letter)
- N (6th letter)

Step 2: Identify the eighth letter from the right end

We count only the alphabetical characters starting from the right:

X (8th letter from right)

The eighth letter from the right end is X.

Step 3: Count letters between 'N' and 'X' in the English alphabet

Now, we look at the standard English alphabet to find The letters between N and X are: O, P, Q, R, S, T, U, V, W.

Final Answer:

There are 9 letters between the sixth letter from the left and the eighth letter from the right according to the English Alphabet series.

Q2. How many vowels are followed by a number?

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

Ans.(c)

Sol. Given series- **L M 4 S D 3 I N 7 O 5 G K X 1 B A 9 J 0 S V 6 Z Y N 7 O 5 ...** (Vowel 'O' is followed by the number '5') — Match 1

G K X 1 B A 9 ... (Vowel 'A' is followed by the number '9') — Match 2

There are 2 vowels in the series that are immediately followed by a number:

O (followed by 5)

A (followed by 9)

Answer: 2

Two vowels are followed by a number: O5 and A9.

Q3. How many numbers are there between the sixth letter from the left and the sixth letter from the right end?

(a) Four

(b) Seven

(c) Five

(d) Three

(e) Six

Ans.(d)

Sol. sixth letter from the left- N

sixth letter from the right end- A

numbers between them- 7, 5, 1

Three numbers are there between the sixth letter from the left and the right end.

Q4. How many letters are preceded by a number and followed by a consonant?

(a) Four

(b) One

(c) Five

(d) Three

(e) Two

Ans.(c)

Sol. specific pattern: Number → Letter → Consonant.

The Series: L M 4 S D 3 I N 7 O 5 G K X 1 B A 9 J 0 S V 6 Z Y

4 S D: Yes. (Number 4, Letter S, Consonant D) — Match 1

3 I N : Yes. (Number 3, Letter I, Consonant N) — Match 2

5 G K: Yes. (Number 5, Letter G, Consonant K) — Match 3

0 S V: Yes. (Number 0, Letter S, Consonant V) — Match 4

6 Z Y: Yes. (Number 6, Letter Z, Consonant Y) — Match 5

Answer:

There are 5 such letters in the series.

4SD, 3IN, 5GK, 0SV and 6ZY.

Directions {5-7} : Study the following letter numbered based series and answer the question given below:

8 A 2 Y O 7 T 6 E 1 K 3 P 2 L M 5 Z 4 U



Q5. If all the numbers in the series are arranged in ascending order from left to right, then all letters are arranged in alphabetical order from left to right, which element will be 14th from the right end in the newly arranged series?

- (a) 7
- (b) 6
- (c) A
- (d) E
- (e) 4

Ans.(b)

Sol. Given series- 8 A 2 Y O 7 T 6 E 1 K 3 P 2 L M 5 Z 4 U

New series: 1 2 2 3 4 5 6 7 8 A E K L M O P T U Y Z

Q6. How many vowels are there in the series which are immediately preceded by a letter and immediately followed by a number?

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

Ans.(a)

Sol. Given series- 8 A 2 Y O 7 T 6 E 1 K 3 P 2 L M 5 Z 4 U

Q7. If each letter in the series is replaced by its alphabetical position (e.g., A = 1, B = 2, ..., Z = 26), what will be the sum of the numerical values of all the letters in the series?

- (a) 163
- (b) 164
- (c) 165
- (d) 175
- (e) 174

Ans.(c)

Sol. Given series- 8 A 2 Y O 7 T 6 E 1 K 3 P 2 L M 5 Z 4 U

$1 + 25 + 15 + 20 + 5 + 11 + 16 + 12 + 13 + 26 + 21 = 165$

Directions {8-12} : Study the following series of five three-digit numbers and answer the questions.

593 723 437 562 628

Q8. If all the numbers are arranged in ascending order, then which number will come in the middle of the series?

- (a) 628
- (b) 593
- (c) 723
- (d) 562
- (e) None of these

Ans.(b)

Sol. 1. The original series of numbers:

593, 723, 437, 562, 628

2. Arrange the numbers in ascending order (smallest to largest):

437 562 593 628 723

3. Identify the middle number:

In a series of five numbers, the middle number is the third one.

Sorted series: 437, 562, 593, 628, 723

The number that comes in the middle of the series is **593**.

Q9. If all the digits are arranged in descending order within the number, then which number will be the lowest number?

- (a) 593
- (b) 437
- (c) 562
- (d) 628
- (e) None of these

Ans.(c)

Sol. To determine which number becomes the lowest after its digits are arranged in descending order, let's process each number in the series:

593: Digits are 5, 9, 3. Descending order: 9,5,3.

Resulting number: 953

723: Digits are 7, 2, 3. Descending order: 7,3,2.

Resulting number: 732

437: Digits are 4, 3, 7. Descending order: 7,4,3.

Resulting number: 743

562: Digits are 5, 6, 2. Descending order: 6,5,2.

Resulting number: 652

628: Digits are 6, 2, 8. Descending order: 8,6,2.

Resulting number: 862

Comparing the resulting numbers: 953,732,743,652,862.

The lowest number among these is 652, which was formed from the original number 562.

Q10. If in each number first and second digit are added and then subtract third digit from the resultant, after performing the operation how many numbers will be greater than 10?

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

Ans.(a)

Sol. To determine how many of the given numbers satisfy the condition, we perform the specified operation for each number:

(First Digit + Second Digit)–Third Digit.

The series of numbers is: 593,723,437,562,628.

Calculations:

$$593: (5+9)-3=14-3=11 \quad 11>10 \text{ (Yes)}$$

$$723: (7+2)-3=9-3=6 \quad 6 \ngtr 10 \text{ (No)}$$

$$437: (4+3)-7=7-7=0 \quad 0 \ngtr 10 \text{ (No)}$$

$$562: (5+6)-2=11-2=9 \quad 9 \ngtr 10 \text{ (No)}$$

$$628: (6+2)-8=8-8=0 \quad 0 \ngtr 10 \text{ (No)}$$

After performing the operation, only one number (593) results in a value greater than 10.

Answer: 1

Q11. If the third digit of the 2nd highest number is divided by the second digit of the highest number, then what will be the resultant?

- (a) 4
- (b) 3
- (c) 2
- (d) 5
- (e) None of these

Ans.(a)

Sol. Given the series: 593, 723, 437, 562, 628

1. Identify the highest and second highest numbers:

Arranging the numbers in descending order:

723,628,593,562,437.

Highest number: 723

Second highest number: 628

2. Identify the required digits:

The third digit of the 2nd highest number (628) is 8.

The second digit of the highest number (723) is 2.

3. Perform the division:

$$\text{Resultant} = 8 \div 2 = 4$$

The resultant is 4.

Q12. If all the digits are arranged in ascending order within the number, then which number will be the highest number?

- (a) 593
- (b) 437
- (c) 562
- (d) 628
- (e) None of these

Ans.(a)

Sol. The Step-by-Step Rearrangement

Original	Number Digits in Ascending Order	New Number
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593	3, 5, 9	359
723	2, 3, 7	237
437	3, 4, 7	347
562	2, 5, 6	256
628	2, 6, 8	268

Conclusion

Comparing the new numbers (359, 237, 347, 256, 268), the highest number is 359. Since 359 was derived from the original number 593, the answer is 593.

Q13. Study the following numeric series carefully and answer the questions given below:

4 5 6 6 2 3 5 8 6 8 3 4 3 3 8 2 9 3 9 4 9 5 9 5 6 9 4 1 8 3

Find the sum of all the prime numbers in the given series?

- (a) 40
- (b) 41
- (c) 42
- (d) 43
- (e) 44

Ans.(c)

Sol. Required sum = $5+2+3+5+3+3+3+2+3+5+5+3 = 42$

Directions {14-18} : Read the given letter - symbol series carefully and answer the related questions:

G @ # M T & X \$ Q ! R % Z ^ B * L ? K + D / V

Q14. How many such symbols are there in the series each of which is immediately preceded and immediately followed by a letter?

- (a) 3
- (b) 4
- (c) 9
- (d) 6
- (e) 7

Ans.(c)

Sol. Series:

G @ # M T & X \$ Q ! R % Z ^ B * L ? K + D / V

We need to count those symbols which are immediately preceded and immediately followed by a letter. Now check carefully:

T & X

X \$ Q

Q ! R

R % Z

Z ^ B

B * L

L ? K

K + D

D / V

So, there are 9 such symbols.

Total = 9

Q15. How many letters in the series have as many letters before them in the series as in the English alphabetical order?

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

Ans.(e)

Sol. Alphabet position = Number of letters before it in the series

Check letters only (consider full series position but count only letters before them):

G → Alphabet position = 7

Letters before G = 0 ✗

M → Alphabet position = 13

Letters before M = 1 ✗

T → 20

Letters before T = 2 ✗

X → 24

Letters before X = 3 ✗

Q → 17

Letters before Q = 4 ✗

R → 18

Letters before R = 5 ✗

Z → 26

Letters before Z = 6 ✗

B → 2

Letters before B = 7 ✗

L → 12

Letters before L = 8 ✗

K → 11

Letters before K = 9 ✗

D → 4

Letters before D = 10 ✗

V → 22

Letters before V = 11 ✗

Actually none satisfy.

Q16. If all symbols are removed from the series, which letter will be 3rd to the right of the 4th letter from the left?

- (a) Q
- (b) R
- (c) Z
- (d) B
- (e) L

Ans.(c)

Sol. Letters only:

G, M, T, X, Q, R, Z, B, L, K, D, V

4th letter from left = X

3rd to the right of X:

Q (1), R (2), **Z (3)**

Q17. Which of the following elements is 7th to the left of K?

- (a) Q
- (b) R
- (c) %
- (d) Z
- (e) !

Ans.(c)

Sol. K is at position 19

Count 7 to the left:

18 ?,

17 L,

16 *,

15 B,

14 ^,

13 Z,

12 %,

7th to left = %

Q18. How many letters are immediately preceded by a symbol?

- (a) 8
- (b) 9
- (c) 10
- (d) 11
- (e) 12

Ans.(c)

Sol. Check letters that have a symbol just before them:



M (after #)
X (after &)
Q (after \$)
R (after !)
Z (after %)
B (after ^)
L (after *)
K (after ?)
D (after +)
V (after /)
Total = 10 letters

Q19. Study the following numeric series carefully and answer the questions given below.

8 5 3 7 9 3 8 2 4 3 7 1 5 8 9 3 5 3 6 4 9 2 4 5 8 2 9 1 2 7 4 5

What will be the difference between the number which is 10th from the left end and 12th from the right end of the given series?

- (a) 6
- (b) 2
- (c) 5
- (d) 1
- (e) 4

Ans.(a)

Sol. 10th number from left = 3 and 12th number from right end = 9

Thus, the required difference = $9 - 3 = 6$

Directions {20-24} : Study the following words series carefully and answer the questions given below.
RDP YHB RCS ATP MUY

Q20. If 1st and 2nd letter from left end of all the words are interchanged within the words, then how many meaningful words can be formed?

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

Ans.(a)

Sol. Given series - RDP YHB RCS ATP MUY

Words after 1st and 2nd letter are interchanged – DRP HYB CRS **TAP** UMY

Only, one meaningful word is formed.

Q21. What will be the sum of the place value of all the letters of the word which is 3rd from the right end of the series?

- (a) 64
- (b) 14
- (c) 40
- (d) 20
- (e) 18

Ans.(c)

Sol. Given series - RDP YHB RCS ATP MUY

3rd word from right end – RCS – Place value - 18, 3 and 19 respectively

So, the required sum - 40

Q22. If the 3rd letter from left end of all words is replaced by “E”, then how many meaningful words is formed?

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

Ans.(e)

Sol. Given series - RDP YHB RCS ATP MUY

Words after 3rd letter is replaced by E – RDE YHE RCE **ATE** MUE

Only, one meaningful word is formed.

Q23. If all the consonant of the words are changed to its just next letter according to alphabetical order, then how many words will have more than one vowel?

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

Ans.(b)

Sol. Given series - RDP YHB RCS ATP MUY

Words after consonants are changed – SEQ ZIC SDT **AUQ** NUZ

One word has more than one vowel.

Q24. How many letters between 2nd letter of 2nd word from right end and 1st letter of 2nd word from left end according to the English alphabetical series?

- (a) 14
- (b) 15
- (c) 8
- (d) 4
- (e) 9

Ans.(d)

Sol. Given series - RDP YHB RCS ATP MUY

2nd letter of 2nd word from right end – T

1st letter of 2nd word from left end – Y

So, there are four letters between T and Y (U, V, W and X)

Q25. Study the following numeric series carefully and answer the questions given below:

4 5 6 6 2 3 5 8 6 8 3 4 3 3 8 2 9 3 9 4 9 5 9 5 6 9 4 1 8 3

How many such odd digits are there in the above series which are immediately preceded by even digit and immediately followed by prime numbered digits?

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

Ans.(b)

Sol. There are four such digits-

235, 433, 293, 495

Directions {26-30} : These questions are based on the following letter/number/symbol arrangement. Study it carefully and answer the questions.

6 Q U © 9 M T 8 7 K \$ 4 E J F € ★ 2 H I D 5 # A B 1 % @ L W

Q26. How many such symbols are there in the above arrangement each of which is immediately preceded by a vowel and also immediately followed by a digit?

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

Ans.(b)

Sol. Arrangement:

6 Q U © 9 M T 8 7 K \$ 4 E J F € ★ 2 H I D 5 # A B 1 % @ L W

We need symbols that satisfy both conditions:

Immediately preceded by a vowel (A, E, I, O, U)

Immediately followed by a digit (0–9)

Symbol Preceded by Followed by Condition

© U (vowel) 9 (digit) ✓ Valid

Result

Only © satisfies both conditions.

Final Answer: 1

Q27. Which of the following is 2nd to the right of the 9th element from the left end of the given series?

- (a) K
- (b) H
- (c) 4
- (d) M
- (e) None of these

Ans.(e)

Sol. 6 Q U @ 9 M T 8 7 K \$ 4 E J F € ★ 2 H I D 5 # A B 1 % @ L W

Step 1: Find the 9th element from the left

Counting from the left:

So, the 9th element = 7

Step 2: Find the 2nd element to the right of 7

K

\$ is the 2nd to the right of the 9th element from the left end.

Final Answer

Option E (None of these)

Q28. How many odd numbers are to the right of vowel which is 2nd in the alphabetical series?

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

Ans.(c)

Sol. First identify the letter/number/symbol arrangement:

6 Q U @ 9 M T 8 7 K \$ 4 E J F € ★ 2 H I D 5 # A B 1 % @ L W

Step 1: Identify the vowel which is 2nd in alphabetical order

Vowels in alphabetical order:

A, E, I, O, U

The 2nd vowel = E

Step 2: Locate E in the series

The sequence around it is:

... K \$ 4 E J F € ★ 2 H I D 5 # A B 1 % @ L W

Step 3: Look at the elements to the right of E

J, F, €, ★, 2, H, I, D, 5, #, A, B, 1, %, @, L, W

Step 4: Count odd numbers to the right of E

Odd numbers present:

5

1

Total = 2

Final Answer: 2

Q29. How many such digits are there in the above arrangement, each of which is immediately followed by a symbol and also immediately preceded by a consonant?

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

Ans.(c)

Sol. Arrangement:

6 Q U © 9 M T 8 7 K \$ 4 E J F € ★ 2 H I D 5 # A B 1 % @ L W

We have to find **consonant-digit-symbol** combination in the given sequence.

We need digits that satisfy two conditions:

Immediately preceded by a consonant

Immediately followed by a symbol

Digits in the arrangement: 6, 9, 8, 7, 4, 2, 5, 1

Check each digit

5

Preceded by D (consonant) ✓

Followed by # (symbol) ✓

Valid

1

Preceded by B (consonant) ✓

Followed by % (symbol) ✓

Valid

Final Answer

2 digits (5 and 1) satisfy the given condition.

Q30. If we remove all the symbols from the given series then, which of the following is 6th to the right of the 14th element from the right end?

- (a) I
- (b) H
- (c) 2
- (d) L
- (e) None of these

Ans.(a)

Sol. 6 Q U © 9 M T 8 7 K \$ 4 E J F € ★ 2 H I D 5 # A B 1 % @ L W

Step 1: Remove all symbol

Symbols: ©, \$, €, ★, #, %, @

Remaining elements:

6 Q U 9 M T 8 7 K 4 E J F 2 H I D 5 A B 1 L W

Total = 23 elements

Step 2: Find the 14th element from the right end

Counting from the right: the 14th from the right = 4

Step 3: Find 6th to the right of 4

Elements to the right of 4:

1 E

2 J

3 F

4 2

5 H

6 I

Final Answer: I

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