DeducePuzzles

# Alphanumeric series questions with answers

15 exam-shaped questions with full worked solutions.
For IBPS · SBI · RRB · SSC reasoning.

Free, share it forward. Every question in this set was generated and verified by the DeducePuzzles engine — the same one behind the free daily puzzle round at **deducepuzzles.com**.

# The questions

Work them on paper first. Full solutions start after question 15 — the numbering matches.

### QUESTION 1

**How many letters are there in the series?**

$ % J B @ V E 8 & 4 A D 5 1

A. 8
B. 7
C. 6
D. 5
E. 4

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### QUESTION 2

**In the English alphabet (written A to Z), which letter is 4th to the right of the 20th letter from the left end?**

A. X
B. K
C. P
D. W
E. Y

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### QUESTION 3

**Which element is 4th to the left of the 5th element from the right end of the series?**

4 6 Z # U V A @ 7 L D C 1 M %

A. A
B. 7
C. @
D. U
E. V

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### QUESTION 4

**How many pairs of letters in the word "NIGHTMARE" have as many letters between them in the word as in the English alphabet?**

Count each pair only once; the alphabet gap may run in either direction (forward or backward).

A. None
B. Three
C. One
D. Five
E. Two

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QUESTION 5

**Which element is 2nd to the right of the 8th element from the left end of the series?**

@ * 7 C L & 6 X Y W N 5 3 J 4 M

A. W
B. N
C. Y
D. 5
E. X

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QUESTION 6

**If the letters of the word "EDUCATION" are arranged in alphabetical order (left to right), how many letters remain in the same position as in the original word?**

A. Three
B. Two
C. None
D. Four
E. One

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QUESTION 7

**How many symbols are there in the series?**

Z 3 9 F * 7 C B N @ 2 % U E M &

A. 4
B. 8
C. 7
D. 6
E. 5

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QUESTION 8

**How many pairs of letters in the word "NETWORK" have as many letters between them in the word as in the English alphabet?**

Count each pair only once; the alphabet gap may run in either direction (forward or backward).

A. Four
B. Three
C. One
D. Two
E. None

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QUESTION 9

**Which element is 2nd to the left of the 6th element from the right end of the series?**

% 4 S # D 8 & $ M G V A 6 Y 7 N

A. M
B. G
C. $
D. V
E. &

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QUESTION 10

**How many pairs of letters in the word "DAUGHTER" have as many letters between them in the word as in the English alphabet?**

Count each pair only once; the alphabet gap may run in either direction (forward or backward).

A. Two
B. Five
C. Four
D. One
E. Six

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QUESTION 11

**Which element in the series is immediately preceded by a letter and immediately followed by a digit?**

Y N Q Z @ 8 & 2 B 9 % 6 # D 7

A. &
B. Q
C. @
D. 8
E. Z

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QUESTION 12

**If the letters of the word "QUESTION" are arranged in alphabetical order (left to right), how many letters remain in the same position as in the original word?**

A. None
B. Three
C. Two
D. Four
E. One

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QUESTION 13

**How many digits are there in the series?**

C # W 4 * 2 G F N E 9 1 $ J @

A. 5
B. 8
C. 7
D. 4
E. 6

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QUESTION 14

**How many pairs of letters in the word "SECOND" have as many letters between them in the word as in the English alphabet?**

Count each pair only once; the alphabet gap may run in either direction (forward or backward).

A. Four
B. Three
C. One
D. Six
E. Five

## QUESTION 15

**Which element in the series is immediately preceded by a letter and immediately followed by a symbol?**

Y F C # L 2 4 @ T % B 3 E 5 9

A. #

B. Y

C. L

D. F

E. C

# Answers and worked solutions

Each walkthrough is the engine's own elimination order, step for step — not a reconstruction written after the fact.

### SOLUTION 1

Answer: **6**

1. Scanning left to right, the letters in the series are: J, B, V, E, A, D — 6 in all.
2. So the answer is 6.

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### SOLUTION 2

Answer: **X**

1. The 20th letter from the left end is position 20 in the written sequence: T.
2. 4th to the right of T is position 24.
3. So the required letter is X.

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### SOLUTION 3

Answer: **A**

1. The 5th element from the right end is D (position 11 from the left).
2. Counting 4 to the left lands on position 7 from the left: A.
3. So the required element is A.

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### SOLUTION 4

Answer: **Two**

1. Write alphabet positions under the letters: N(14) I(9) G(7) H(8) T(20) M(13) A(1) R(18) E(5).
2. I–M: 4 apart in the word (positions 2 and 6) and 4 apart in the alphabet (I=9, M=13).
3. G–H: 1 apart in the word (positions 3 and 4) and 1 apart in the alphabet (G=7, H=8).
4. So the answer is Two — 2 such pairs: IM, GH.

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### SOLUTION 5

Answer: **W**

1. The 8th element from the left end is X (position 8 from the left).
2. Counting 2 further to the right lands on position 10 from the left: W.
3. So the required element is W.

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### SOLUTION 6

Answer: **None**

1. In alphabetical order, EDUCATION becomes ACDEINOTU.
2. Comparing position by position, every letter has moved to a different position.
3. So the answer is None.

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### SOLUTION 7

Answer: **4**

1. Scanning left to right, the symbols in the series are: *, @, %, & — 4 in all.
2. So the answer is 4.

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### SOLUTION 8

Answer: **None**

1. Write alphabet positions under the letters: N(14) E(5) T(20) W(23) O(15) R(18) K(11).
2. No pair of letters is as far apart in the word as in the alphabet.
3. So the answer is None.

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### SOLUTION 9

Answer: **M**

1. The 6th element from the right end is V (position 11 from the left).
2. Counting 2 to the left lands on position 9 from the left: M.
3. So the required element is M.

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### SOLUTION 10

Answer: **Four**

1. Write alphabet positions under the letters: D(4) A(1) U(21) G(7) H(8) T(20) E(5) R(18).
2. D–G: 3 apart in the word (positions 1 and 4) and 3 apart in the alphabet (D=4, G=7).
3. D–H: 4 apart in the word (positions 1 and 5) and 4 apart in the alphabet (D=4, H=8).
4. G–H: 1 apart in the word (positions 4 and 5) and 1 apart in the alphabet (G=7, H=8).
5. T–R: 2 apart in the word (positions 6 and 8) and 2 apart in the alphabet (T=20, R=18).
6. So the answer is Four — 4 such pairs: DG, DH, GH, TR.

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### SOLUTION 11

Answer: **@**

1. Rule: an element qualifies when the one immediately BEFORE it is a letter AND the one immediately AFTER it is a digit. (The first and last elements have only one neighbour, so a missing side never qualifies.)
2. Scanning left to right, exactly one spot fits: "Z @ 8" — position 5 from the left.
3. So the required element is @.

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### SOLUTION 12

Answer: **None**

1. In alphabetical order, QUESTION becomes EINOQSTU.
2. Comparing position by position, every letter has moved to a different position.
3. So the answer is None.

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### SOLUTION 13

Answer: **4**

1. Scanning left to right, the digits in the series are: 4, 2, 9, 1 — 4 in all.
2. So the answer is 4.

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### SOLUTION 14

Answer: **One**

1. Write alphabet positions under the letters: S(19) E(5) C(3) O(15) N(14) D(4).
2. O–N: 1 apart in the word (positions 4 and 5) and 1 apart in the alphabet (O=15, N=14).
3. So the answer is One — 1 such pair: ON.

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### SOLUTION 15

Answer: **C**

1. Rule: an element qualifies when the one immediately BEFORE it is a letter AND the one immediately AFTER it is a symbol. (The first and last elements have only one neighbour, so a missing side never qualifies.)
2. Scanning left to right, exactly one spot fits: "F C #" — position 3 from the left.
3. So the required element is C.

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