

Logical Reasoning

Session – 7

Alpha Series



Type 2. Letter Series

Here, the series includes alphabetical letters in single, pair or groups. The terms of the series form a certain pattern as regards the position of letters in the English alphabet. The candidate is to identify the pattern and accordingly find the missing term or the wrong term in the given series.



Which term comes next in the sequence.

1. AC, FH, KM, PR, _____

- (a) UW (b) VW (c) UX
(d) TV (e) None of these

2. R, U, X, A, D, _____

- (a) F (b) G (c) H (d) I

Choose the missing term from the given alternatives.

3. H, I, K, N, _____

(a) O

(b) Q

(c) R

(d) S

4. AI, BJ, CK, _____

(a) DL

(b) DM

(c) DH

(d) LM



Choose the missing term from the given alternatives.

5. DF, GJ, KM, NQ, RT, _____

- (a) UW (b) YZ (c) XZ (d) UX
(e) YA

6. UPI, _____, ODP, MBQ, IAW

- (a) RHJ (b) SHJ (c) SIJ
(d) THK (e) TIJ

Choose the missing term from the given alternatives.

7. BZA, DYC, FXE, _____, JVI

(a) HUG

(b) HWG

(c) UHG

(d) WHG

(e) None of these

8. PMT, OOS, NQR, MSQ, _____

(a) LUP

(b) LVP

(c) LVR

(d) LWP

Choose the missing term out of the given alternatives.

9. A CD GHI ? UVWXY
- (a) LMNO (b) MNO (c) NOPQ
- (d) NOP (e) MNOP

10. BL FP JT ? RB VF
- (a) MW (b) NX (c) OY
- (d) MX (e) NW

In each of the following questions, various terms of a letter series are given with one term missing as shown by (?). Choose the missing term out of the given alternatives.

11. EJOT DHLP CFIL ?
(a) BDFH (b) BHLM (c) DEIJ (d) DGKL
12. BD GI LN QS ?
(a) TW (b) UW (c) WX
(d) WY (e) VX



Which of the following will come in place of the question mark?

13. WFB, TGD, QHG, ?

(a) NIJ

(b) NIK

(c) NJK

(d) OIK

(e) PJK

14. Z, S, W, O, T, K, Q, G, ?, ?

(a) N, C

(b) N, D

(c) D, C

(d) O, D

(e) None of these



Which of the following will come in place of the question mark?

15. AB, DEF, HIJK, ?, STUVWX

(a) LMNO

(b) LMNOP

(c) MNOPQ

(d) QRSTU

(e) None of these



Alphanumeric Series



Type 3. Alpha – Number Series

Under this type, the terms of the given series are a combination of letters and numbers and they follow a particular pattern of their own.

Type 4. Continuous Pattern Series

This type of questions usually consist of a series of small letters of alphabet which follow a certain definite pattern. However, some letters will be missing from the series. The candidate is to identify the pattern and accordingly choose the proper sequence of the missing letters from the given alternatives.



In the following letter-number series questions, one or more terms are missing. Choose the missing term out of the given alternatives.

1. 2B, 4C, 8E, 14H, _____

- (a) 16K (b) 2OI (c) 2OL (d) 22L

2. A1, C3, F6, J10, O15, _____

- (a) U21 (b) V21 (c) T20 (d) U20

In the following letter-number series questions, one or more terms are missing. Choose the missing term out of the given alternatives.

3. P₃, M₈, _____, G₂₄, D₃₅

- (a) K₁₅ (b) J₁₃ (c) I₁₃ (d) J₁₅

What should come in the place of question mark (?) in the following alpha-numeric series?

4. KM₅, IP₈, GS₁₁, EV₁₄, ?

- (a) BY₁₇ (b) CZ₁₇ (c) BX₁₇ (d) CY₁₇



What should come in the place of question mark (?) in the following alpha-numeric series?

5. ST39, UV43, WX47, ?

- (a) YZ47 (b) YZ52 (c) YZ51 (d) YX50

6. B₂CD, ?, BCD₄, ?, BC₆D

- (a) BC₃D, B₅CD (b) BC₂D, BC₃D
(c) BC₃D, C₃CD (d) BC₃D, BC₅D



In the following letter-number series questions, one or more terms are missing. Choose the missing term out of the given alternatives.

7. T49, S64, R81, Q100, P121, O144, _____, _____
- (a) N169, M196 (b) N160, M190
- (c) N164, M194 (d) U36, T46

Find the term which does not fit into the series given below.

8. G4T, J10R, M20P, P43N, S90L
- (a) G4T (b) J10R (c) M20P (d) P43N



In each of the following letter series, some of the letters are missing which are given in that order as one of the alternatives below it. Choose the correct alternative.

9. ac – ga – eg – ce –

- (a) dbag (b) ecag (c) deag (d) ebdg

10. a – ba – bb – ab – a

- (a) baab (b) aaba (c) abab (d) baaa

In each of the following letter series, some of the letters are missing which are given in that order as one of the alternatives below it. Choose the correct alternative.

11. – – aba – – ba – ab

- (a) abbba (b) abbab (c) baabb (d) bbaba

In each of the following letter series, some of the letters are missing which are given in that order as one of the alternatives below it. Choose the correct alternative.

12. – bc – ca – aba – c – ca

- (a) abcbb (b) bbbcc (c) bacba (d) abbcc

13. b – ccacca – ba – bbc – bc – a

- (a) baabc (b) abaaa (c) acbca (d) bacab

In each of the following letter series, some of the letters are missing which are given in that order as one of the alternatives below it. Select the correct alternative.

14. aa_aabb_b_aa_aabb_bb

(a) bbbbaa

(b) bbbba

(c) aabbb

(d) babba

15. abc_yabc_xw abcdev_

(a) zdu

(b) dxu

(c) cdu

(d) zyw



End of Session – 7
Thank You...

