# Number Series And Alphabetical Series

**Q-1** In the following question, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

w h _ t _ w h a _ w _ h h _ t w w h h a a t _ w h h a _ t _

(A) awtwwwat

(B) attwawat

(C) awtwawat

(D) awtwattt

**Q-2** If the position of the first and the tenth digits in the number '8379214685' are interchanged, similarly the positions of the second and the ninth digits are inter-changed and so on then which of the following will be the fourth digit to the right of '2' after the rearrangement?

(A) 5

(B) 6

(C) 8

(D) 7

**Q-3** A letter series is given below in which some letters are missing. Select the option that gives the letters that can fill these blanks in that order.

ba_d_cb_cdb_ba_dbc

(A) cbcad

(B) cbacc

(C) abbdc

(D) bcabc

**Q-4** Select the letter cluster that will replace the question mark (?) in the following series.

ACEGI,  BDFHJ; KMOQS,  ? ;  UWYAC,  VXZBD

(A) PQRTV

(B) LPRTV

(C) TUVWX

(D) LNPRT

**Q-5** Select the correct alternative from the given ones that will complete the series.

F9C,  J19G,  N39K,  ?

(A) R82M

(B) R79O

(C) R70O

(D) R87M

**Q6** Study the following arrangement of numbers/letters/symbols carefully and answer the questions given below.

# Number Series And Alphabetical Series

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

Which of the following is exactly in the middle of the sixth from the left end and the seventeenth from the right end?

(A) 9
(B) H
(C) Q
(D) 1

**Q-7** Which set of letters when sequentially placed in the gaps of the given letters series shall complete it?

a z c _ d b k _ _ z _ h d _ k o _ z _ h

(A) hoacbac
(B) hoacbcc
(C) hoacbaa
(D) hoacbad

**Q-8** Select the letter-cluster that can replace the question mark (?) in the following series.

DAG, FCI, ?, JGM, LIO

(A) GDJ
(B) IFL
(C) HKE
(D) HEK

**Q-9** Which one set of the letter when sequentially placed at the gaps in given letter series shall complete it?

L O _ K _ O W _ L _ C K D O _ N

(A) CDNNW
(B) CDNDW
(C) CDNOW
(D) CCNOW

**Q-10** In the following question, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

L _ _ O _ _ E _ ON _ EM _ _

(A) EMNLMLLN
(B) EMMLMLON
(C) EMNLNLON
(D) EMNLMLON

**Q-11** 4W XZ8QP OJ6GT MV EUH53B

# Number Series And Alphabetical Series

Find the missing term using the above
sequence. W 8, P 6, ......, HB

(A) Q6
(B) TE
(C) ZO
(D) UB

**Q-12**    Find the next term in the following series.

A1E5, F 6J10, ..........

(A) K11O15
(B) M11O15
(C) L11O14
(D) M12O14

**Q-13**    Select the correct alternative from the given ones that will complete the series.

RbV,    VfZ,    ZjD,    ?

(A) HmN
(B) DmN

(C) DnH
(D) DhM

**Q-14**    Find the next term in the series.

11PK16,    9RI18,    7TG20, ........

(A) 5W E22
(B) 5CV22
(C) 5VC22
(D) 5VE22

**Q-15**    Which set of letters when sequentially placed in the gaps of the given letters
series shall complete it?

s _ p p _ r s u p p e _ s u p _ e r

(A) uerp
(B) uuuu
(C) rrrp
(D) epuu

**Q-16**    Select the letter-cluster that can replace the question mark (?) in the following
series.

AOS,    CQU,    ?,    GUY,    IWA

(A) FSX
(B) DRV         (C)
ESW

(D) GSW

**Q-17**    What will come in place of the question mark in the following series?

U,  P,  M,  H,  ?,  Z

(A) K
(B) J
(C) E
(D) H

**Q-18**    Which letter will replace the question mark (?) in the following series?

LR,  NV,  PZ,  ?

(A) OD
(B) PD
(C) NQ
(D) RD

**Q-19**    Which letter-pair will replace the question mark (?) in the following series?

RP,  OT,  LX,  IB,  ?

(A) FF
(B) NN
(C) DD
(D) JD

**Q-20**    Which letter-group will replace the question mark (?) In the following series?

A7F,  E15J ,  I23N,  ?

(A) R13M
(B) M31R
(C) R23M
(D) R37S

**Q-21**    Choose the correct alternatives from given ones that will complete the series.

A, G, L, P, S, ?

(A) X
(B) Y
(C) W
(D) U

**Q-22**    How many such pairs of numbers are there in the 5947680213, each of which has as many numbers between them in the number, as they have in the number series?

(A) Four
(B) Five
(C) More than five

# Number Series And Alphabetical Series

(D) None

**Q-23** How many 5's are there in the following sequence which is immediately followed by 3 but not immediately preceded by 7?

8 9 5 3 2 5 3 8 5 5 6 8 7 3 3 5 7 7 5 3 6 5 3 3 5 7 3 8

(A) One
(B) Two
(C) Three
(D) Four

**Q-24** Which letter-cluster will replace the question mark (?) in the following series?

IVM,  JWN,  LYP,  OBS,  ?

(A) SFV
(B) TFW
(C) PUW
(D) SFW

**Q-25** Read the following symbols/letter/number series carefully and give the answer of the following question.

UV#5Z@NL4A$*36PMSW9&I2GXYT%B8E7

Which of the following is the fourth to the right of the sixteenth from the right end?

(A) M
(B) *
(C) 9
(D) &

**Q-26**  Select the letter-cluster that can replace the question mark (?) in the following series. eBd,  hXi,  kTn,  nPs,  ?

(A) Qlv
(B) qKx
(C) pLw
(D) qLx

**Q-27** Select the set of letters that when sequentially placed in the blanks of the given letter series will complete the series.        p_rsqrps_pqs_qr_qrps_p_s

(A) q, r, p, p, r, q
(B) q, r, p, s, r, q
(C) r, p, q, s, r, q
(D) p, r, p, s, r, p

# Number Series And Alphabetical Series

**Q 28** If in the word 'IMPORTANCE', all the vowels are changed to the next letter and all the consonants are changed to the previous letter. Which of the following letter is fourth from the right end?      (A) P            (B) M            (C) O            (D) B

**Q 29** Select the letter-cluster that can replace the question mark (?) in the following series.
    DYKM,   GZIN,   JAGO,   MBEP,   ?

(A) QCCQ
(B) PCDR
(C) PCCQ
(D) PDDQ

**Q-30**   A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

    JMB, NNA, QLC, UMB, ?

    (A) MJU        (B) XKD        (C) DEW        (D) SQA

**Q31**: The following questions are based on the five three-digit numbers given below.

   234  756  867  123  815

- If 5 is subtracted from even numbers and 1 is added to odd numbers, then which of the following numbers is divisible by 3?

- If the digits of the highest and the lowest numbers are reversed, which of the following is the new lowest number?

- If the digits in each number are arranged in ascending order, how many numbers are odd?

- What will be the number obtained if the second digit of the smallest number is multiplied with the first digit of the largest number?

- If the digits of each number are added together, then sum of the digits of which of the following number is perfect square?

**Q32** Following questions are based on six numbers given below:

   454  523  295  346  432  187

- If the 1st and 3rd digit of the numbers are interchanged and then the numbers are arranged in descending order what will be the second highest number?

- If 3 is added to each of the numbers and then the digits in all numbers are arranged in ascending order within the number, then what will be the sum of the last digits of all the numbers thus formed?

# Number Series And Alphabetical Series

- If the digits in all the numbers are arranged in ascending order within the number, then how many numbers thus formed are greater than 250?

- If the first and the third digits of all the numbers are interchanged, then what is the difference between the third digit of largest number and the second digit of the second smallest number thus formed?

- If the first and the second digits of all the numbers are interchanged, then which of the following numbers will be the largest?

**Q33** Study the following arrangement of numbers and symbols carefully and answer the

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

- How many even numbers are immediately followed by a prime number?
- If all the even numbers are dropped from the arrangement then which of the following will be 5th number to the right of the 4th number from the left end of the given arrangement?
- In the given arrangement, how many such numbers are there which are immediately preceded by an odd number?
- What is the product of numbers between the first '9' from left end and fifth '4' from right end? ⏵    How many multiples of 3 are between first '2' from left and right end?

**Q34** Study the following number sequence and answer the questions following it.

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

- How many even numbers are there in the sequence each of which are immediately followed by an odd number?
- How many 9s are followed by 8?
- How many 8s are preceded by 9 and followed by 6?
- In the following series of number, find out how many times 3 have appeared?
- In the following series of number, find out how many times 1 followed by 5 have appeared together?

**Q35** Answer the questions based on the information given below.

 4389 5124 7931 2478 6148

# Number Series And Alphabetical Series

- If in each of the given numbers, the second digit is interchanged with the fourth digit and the obtained value is divided by 3, which number is perfectly divided by 3 with the highest quotient?

- If in each of the given numbers, the fourth digit of the number is subtracted from the first digit, which number will get the second highest value?

- In each of the given numbers, the fourth digit is subtracted from the sum of the first three digits from left then which number will yield highest value?

- If all the odd digits in the number are multiplied in each of the given numbers, which of the given numbers will yield a perfect cube?

- If the difference between the highest and the lowest digit in each of the given numbers is considered then which of the following is the lowest value?

**Q36** Study the following arrangement carefully and answer the questions given below:

N 5 * I A 9 $ K # 8 3 B V 2 R P D H O U @ T G E C

- Which of the following element is fourth to the left of fifteenth element from the right end?

- How many such symbols are there in the above series each of which is immediately followed by a number and also immediately preceded by a consonant?

- If we remove all the letters from this series, then which of the following element will be 7th from the left end?

- How many such consonants are there in the above arrangement each of which is immediately followed by a consonant and also immediately preceded by a symbol?

- If all the numbers are dropped from the given series, then which of the following element will be at the 10th position from the left end?

**Q37** Study the following arrangement carefully and answer the questions given below:

L K 1 C D 9 Z Y ^ P 2 N © K S 3 ↑ 5 M T ∑

- How many such digits are there in the series, each of which is immediately preceded as well as followed by letters?

- Which of the following element is exactly in the middle of 9 and 3?

- Which of the following element is tenth to the left of the element which is fifth from the right end?

- If each symbol of the series is replaced with different digits from 1-9, which is not present in the given series, then what is the sum of all the digits? ▢   Complete the sequence: LKC 9Z^ 2NK?

# Number Series And Alphabetical Series

**Q38** Study the following letters/numbers/symbols sequence and answer the following questions.

C 4 & 3 A B G 9 # @ 2 Q N S% 5 1 J D * 0 L V 7 L ! C $ K V 6 I

- How many numbers are there in the series, which are immediately preceded by a letter and immediately followed by a consonant?

- If all the numbers are dropped from the series, which element will be 5th to the left of 15th from left end?

- Which of the following is 8th to the right of 15th from right end of row?

- Four of the following are alike in a certain way, so form a group. Find the odd one out – the one which does not belong to that group.

- The following series follow a certain pattern. What will come in question mark (?) in the series: 43B, 9@Q, S5j, *L7, ?

## EXPLANATION

**Q-1.(C)**    what / wwhat / wwhhat / wwhhaat / wwhhaatt

**Q3  B**   series pattern   bacdbc

b a c d b c b a c d b c b a c d b c  is a full series .

**Q-4.(D)**    ACEGI (+1+1+1+1+1) BDFHJ

UWYAC (+1+1+1+1+1) VXZBD

KMOQS (+1+1+1+1+1) LNPRT

**Q-5.(B)**    1st letter: F (+4 letters) = J (+4 letters) = N (+4 letters) = R

2nd letter: C (+4 letters) = G (+4 letters) = K (+4 letters) = O

Number= 4 + 5, 9 + 10, 19 + 20, 39 + 40, 79

Thus, missing term = R79O

**Q-6.(D)**    * @ T K $ J 8 F Q 9 1 4 H W 3 # N B M I E D % P 2 G 6 A 5 R U 7

**Q-7.(A)**    a z c -h /d b k o/ a z c h / d b k o /a z c h

**Q-8.(D)**    D +2 F +2 H+2J +2 L

A +2 C +2 E+2 G +2 I

G +2 I +2 K +2 M +2 O

**Q-9.(C)**    L O C K /D O W N /L O C K /D O W N

**Q-10.(D)**  LE -M ON -LE-MONLEM-O N

**Q-11.(B)**  W (XZ8Q), P (OJ6G), T (MVEU), H

# Number Series And Alphabetical Series

8 (QPOJ), 6 (GTMV), E (UH53), B

**Q-12.(A)** +5 in each letter and number

**Q-13.(C)** 1st letter: R (+4 letters) = V (+4 letters) = Z (+4 letters) = D

2nd letter: b (+4 letters) = f (+4 letters) = j (+4 letters) = n

3rd letter: V (+4 letters) = Z (+4 letters) = D (+4 letters) = H

**Q-14.(D)** 11 (-2) 9 (-2) 7 (-2) 5

P (+2) R (+2) T (+2) V
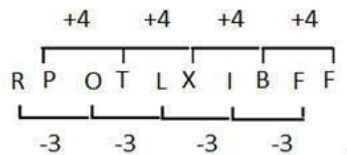
K (-2) I (-2) G (-2) E

16 (+2) 18 (+2) 20 (+2) 22

**Q-15.(A)** Supper/supper/supper

**Q-16.(C)** AOS,(+2+2+2) CQU, (+2+2+2)  ESW, (+2+2+2)  GUY, (+2+2+2)  IWA

**Q-17.(C)** U (-5) P (-3) M (-5) H (-3) E (-5) Z

**Q-18.(D)** LR (+2 +4), NV (+2 +4), PZ (+2 +4), RD

**Q-19.(A)**



**Q-20.(B)** A (+4) = E (+4) = I (+4) = M

F (+4) = J (+4) = N (+4) = R

Also, M + R = 13 + 18 = 31

Thus, missing term = M31R

**Q-21.(D)**



**Q-22.(C)** Given number
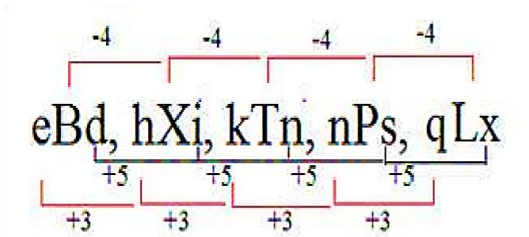
5947680213

Possible pairs-

476, 21, 0213, 47680, 76, 9476, 947

**Q-23.(C)** 953 253 653

**Q-24.(D)** IVM (+1, +1, +1), JWN (+2, +2, -2), LYP (+3, +3, +3), OBS (+4, +4, +4), SFW  Q-25.(D)  16 - 4 = 12th element from right side.

**Q-26.(D)**

# Number Series And Alphabetical Series



eBd, hXi, kTn, nPs, qLx

**Q-27.(B)** pqrs/qrps/rpqs/pqrs/qrps/rpqs

**Q-28.(D)** I M P O R T A N  C E

      J L O P Q S B M  B F

**Q-29.(C)** (+3,+1,-2+1)

**Q-30.(B)** First letter +4 +3 alternate

      Second letter +1 -2 alternate

      Third Letter -1 +2 alternate

**Q31 Answers:**

1. b

2. e

3. b

4. b

5. c


**Q32 Answers:**

1. E

2. B

3. D

4. A

5. C

**Q33 Answers:**

1. c

2. b

3. d

4. d

5. d

**Q 34 Answers:**

1. b

# Number Series And Alphabetical Series

**2. a**

**3. b**

**4. b**

**5. d**

**Q 35 Answers:**

**1. d**

**2. b**

**3. d**

**4. e**

**5. c**

**Q36 Answers:**

**1. c**

**2. c**

**3. a**

**4. e**

**5. b**

**Q37 Answers:**

**1. c**

**2. a**

**3. e**

**4. a**

**5. c**

**Q38 Answers:**

**1) E**

**2) B**

**3) C**

**4) B**

**5) D**