

Alphanumeric Series

What is the Alphanumeric Series?

Alphabet Test consists of aptitude questions which require a logical level of analysis to arrive at the correct solution. Most of the questions are constructed based on concepts and the rest are out of the box thinking ones.

Alphabet Test is classified into two types:

1. **Verbal Reasoning:** It is the ability to logically understand the concepts and solve problems expressed in words. Verbal reasoning tests the ability of extraction of information and implications in a sentence.
2. **Non-verbal Reasoning:** It is the ability to logically understand the concepts and solve problems expressed in numbers/letters/figures in combination with words. Non-verbal reasoning tests the ability of deduction and induction of logic of information and implications in a problem.
3. Steps To Solve Alphabet Test Based Questions

Listed below are some of the steps to solve Alphabet Test questions and answers:

1. Read and understand the information carefully.
2. Analyze critical logical information.
3. Think of all the possible solutions.
4. Compare the answer obtained with other possibilities.
5. Come to a correct logical conclusion.

For more information on the different topics, you can check the linked pages below.

To check the syllabus for various other Government exams, candidates can visit the below-mentioned articles:

Sample Questions –Alphabet Test

The key to revise a topic well and understand the concept even better is by solving questions based on them. More number of questions a candidate solves, more familiar he/she gets with the concept.

To prepare yourselves even well for all the topics included in the reasoning ability section, candidates can visit the Alphabet Test questions page and get topic-wise questions and solutions to ace the reasoning section.

Also, for the reference of candidates, we have combined a few examples from the different logical reasoning topics and given their solutions so that candidates can solve them and analyses the type of questions which may be asked in this section.

Given below are a few sample questions related to the various topics under Alphabet Test. Candidates can refer to these questions and prepare themselves accordingly.

Alphabet and Number Test Reasoning Questions with Answers

Directions (Q1-Q2): Based on the alphanumeric series given below, answer the following questions:

Alphanumeric Series: W % ^ K V P 1 I 7 E 0 & 2 9 A F Z N 4 * @ U ? M

Q 1. How many numbers in the series are preceded by a vowel?

1. Four
2. None
3. Two
4. One
5. Three

Answer: (3) Two; 1 is preceded by I and 0 is preceded by E

Q 2. What is the second element from the right of 7th element from left?

1. K
2. V
3. 1
4. 7
5. ?

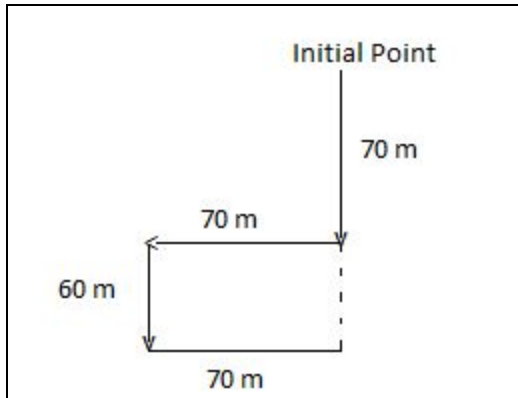
Answer: (4) 7; the Seventh element from left is 1 and 2nd element to the right of 1 is 7

Q 3. From a certain point, Smriti walks 70 m towards the south. Then, she turns to her right & starts walking straight for another 70 m. Then, again turning to her left he walks for 60 m. She then turns to her left & walks for 70 m. How far is she from the starting point?

1. 120 m
2. 135 m

3. 140 m
4. 130 m
5. 125 m

Answer: (4) 130 m; $70+60 = 130$ m



Q 4. In a row of persons, the position of Sakshi from the left side of the row is 26th and the position of Sakshi from the right side of the row is 35th. Find the total number of students in the row?

1. 67
2. 32
3. 46
4. 60
5. 72

Answer: (4) 60; $\{26+35-1 = 61-1 = 60\}$

Q 5. In a certain code language, 'ANIMALS' is written as 'SLAMINA'. How is 'ONLINE' written in that code?

1. ENILNO
2. OLINEN
3. LINE
4. NN LOLI
5. EINON

Answer: (1) ENILNO; The first alphabet is replaced with last alphabet, the second with second last and so on

Q 6. A family consists of six members Priya, Qureshi, Raj, Xavi, Yusuf and Zain. Qureshi is the son of Raj but Raj is not mother of Qureshi. Priya and Raj are a married couple. Yusuf is the brother of Raj. Xavi is the daughter of Priya. Zain is the brother of Priya. How many children does Priya have?

1. One
2. Two
3. Three
4. None
5. Four

Answer: (2) Two; Qureshi and Xavi are children of Priya

Directions (Q 7-Q8). Read the information given below carefully and answer the following questions:

Five friends A, B, C, D and E travelled from Tamil Nadu to five different states Uttar Pradesh, Maharashtra, Rajasthan, Karnataka and Punjab by 5 different modes of transport: Cycle, Bus, Train, Truck, and Bike. The one who travelled to Rajasthan did not travel by Bike. C went to Karnataka by Truck and B went to Maharashtra by Train. D travelled by Bike and E travelled by Bus. Tamil Nadu is not connected by Cycle to Uttar Pradesh and Rajasthan.

Q 7. What means of Transport did C use?

1. Bus
2. Cycle
3. Train
4. Truck
5. Bike

Answer: (4) Truck

A	Punjab	Cycle
B	Maharashtra	Train
C	Karnataka	Truck
D	Uttar Pradesh	Bike
E	Punjab	Bus

Q 8. Which state did E travel to?

1. Rajasthan
2. Maharashtra
3. Karnataka
4. Uttar Pradesh
5. Punjab

Answer: (1) Rajasthan

A	Punjab	Cycle
B	Maharashtra	Train
C	Karnataka	Truck
D	Uttar Pradesh	Bike
E	Punjab	Bus

Directions (Q9-Q10): Read the information given below and answer the following questions:

Pankaj, Qasif, Rajat, Supriya, Tina, Uttkarsh, Vartika, Waseem and Zoya are sitting around a circle facing at the centre. Rajat is third to the right of Zoya who is second to the right of Pankaj. Supriya is not an immediate neighbour of Zoya and Rajat. Tina is third to the left of Supriya. Qasif is third to the right of Waseem who is not an immediate neighbour of Supriya.

Q 9. How many people are sitting between Waseem and Supriya (counted clockwise)?

1. One
2. Four
3. Five
4. Two
5. Three

Answer: (5) Three

Q 10. Who is sitting 3rd to the right of Vartika?

1. Tina
2. Pankaj
3. Qasif
4. Rajat
5. Zoya

Answer: (1) Tina

Q.11. In this question, five words are given. Which of them will come in the middle if all of them are arranged alphabetically as in a dictionary?

(A) Spine

(B) Spinal

(C) Spinner

(D) Spinet

(E) Spindle

Answer

Ans . A

Q.12. In this question, five words are given. Which of them will come in the middle if all of them are arranged alphabetically as in a dictionary?

(A) Praise

(B) Practical

(C) Prank

(D) Prayer

(E) Practice

Answer Ans . A

Q.13. In this question, five words are given. Which of them will come in the middle if all of them are arranged alphabetically as in a dictionary?

(A) Haste

(B) Haphazard

(C) Hoot

(D) Hang

(E) Handkerchief

Answer

Ans . B

Q.14. In this question, five words are given. Which of them will come in the middle if all of them are arranged alphabetically as in a dictionary?

(A) Butterfly

(B) Butler

(C) Butcher

(D) Button

(E) Butter

Answer Ans . E

Q.15. In this question, five words are given. Which of them will come in the middle if all of them are arranged alphabetically as in a dictionary?

(A) Robber

(B) Rocket

(C) Random

(D) Restaurant

(E) Restrict

Answer

Ans . E

Q.16. In this question, five words are given. Which of them will come in the middle if all of them are arranged alphabetically as in a dictionary?

(A) Heaven

(B) Hillock

(C) Hawker

(D) Hilt

(E) History

Answer Ans . B

Q.17. In this question, five words are given. Which of them will come in the middle if all of them are arranged alphabetically as in a dictionary?

(A) Apology

(B) Branch

(C) Antigen

(D) Antique

(E) Antipathy

Answer

Ans . D

Q.18. In this question, five words are given. Which of them will come in the middle if all of them are arranged alphabetically as in a dictionary?

(A) Cruise

(B) Crupper

(C) Crusade

(D) Crude

(E) Crumb

Answer Ans . E

Q.19. In this question, five words are given. Which of them will come in the middle if all of them are arranged alphabetically as in a dictionary?

(A) Hobby

(B) Holiday

(C) Hoarse

(D) Hollow

(E) Hobble

Answer

Ans . A

Q.20. In this question, five words are given. Which of them will come in the middle if all of them are arranged alphabetically as in a dictionary?

(A) Leprosy

(B) Lessen

(C) Lesson

(D) Language

(E) Languid

Answer Ans . A

Q.21. In this question, five words are given. Which of them will come in the middle if all of them are arranged alphabetically as in a dictionary?

(A) Sport

(B) Spouse

(C) Squash

(D) Sporadic

(E) Sprout

Answer

Ans . B

Q.22. In this question, five words are given. Which of them will come in the middle if all of them are arranged alphabetically as in a dictionary?

(A) Miniscule

(B) Minimalis

(C) Minority

(D) Miniature

(E) Ministerial

Answer Ans . A

Q.23. In this question, five words are given. Which of them will come in the middle if all of them are arranged alphabetically as in a dictionary?

(A) Animate

(B) Animosity

(C) Anguish

(D) Ankle

(E) Announce

Answer

Ans . B

Q.24. In this question, five words are given. Which of them will come in the middle if all of them are arranged alphabetically as in a dictionary?

(A) Entry

(B) Efflorescent

(C) Entreat

(D) Ensure

(E) Every

Answer Ans . C

Q.25. In this question, five words are given. Which of them will come in the middle if all of them are arranged alphabetically as in a dictionary?

(A) Rumbustious

(B) Rumanian

(C) Rumour

(D) Ruminare

(E) Rurple

Answer

Ans . D

Q.26. In this question, five words are given. Which of them will come in the middle if all of them are arranged alphabetically as in a dictionary?

(A) Intense

(B) Intellect

(C) Intend

(D) Intelligent

(E) Integument

Answer Ans . D

Q.27. In this question, five words are given. Which of them will come in the middle if all of them are arranged alphabetically as in a dictionary?

(A) Rigour

(B) Remove

(C) Retrospect

(D) Revive

(E) Rumour

Answer

Ans . D

Q.28. In this question, five words are given. Which of them will come in the middle if all of them are arranged alphabetically as in a dictionary?

(A) Pillow

(B) Pilgrim

(C) Pigment

(D) Pile

(E) Pike

Answer Ans . D

Q.29. In this question, five words are given. Which of them will come in the middle if all of them are arranged alphabetically as in a dictionary?

(A) Cough

(B) Council

(C) Couch

(D) Count

(E) Counsel

Answer

Ans . B

Q.20. In this question, five words are given. Which of them will come in the middle if all of them are arranged alphabetically as in a dictionary?

(A) Bishop

(B) Bifocal

(C) Bicycle

(D) Bitter

(E) Brink

Answer

Ans . A

Alphanumeric Series Questions and Answers:

1) 2, 12, 36, 80, 150, ?

A. 250

B. 252

C. 200

D. 270

Answer

ans. B

Explanation:

A unique pattern has been made into use in this series.

All numbers are $(n^3 + n^2)$ where n is 1, 2, 3 and so on.

2) 6, 14, 36, 98, ?

A. 276

B. 275

C. 220

D. 274

Answer

ans. A

Explanation:

$$6 = 1^1 + 2^1 + 3^1$$

$$14 = 1^2 + 2^2 + 3^2$$

$$36 = 1^3 + 2^3 + 3^3$$

$$98 = 1^4 + 2^4 + 3^4$$

Thus the next number will be

$$1^5 + 2^5 + 3^5 = 276$$

3) 5, 16, 49, 104, ?

A. 171

B. 191

C. 181

D. 161

Answer

ans. C

Explanation:

$$+11 = 16$$

$$+33 = 49$$

$$+55 = 104$$

$$+77 = 181$$

4) 8, 7, 11, 12, 14, 17, 17, 22, ?

A. 27

B. 20

C. 24

D. 22

Answer

ans. B

Explanation:

There are two series (8, 11, 14, 17, 20) and (7, 12, 17, 22) increasing by 3 and 5 respectively.

5) 2, 6, 12, 20, 30, 42, 56, ?

A. 61

B. 64

C. 70

D. 72

Answer

ans. D

Explanation:

The pattern is $1 \times 2, 2 \times 3, 3 \times 4, 4 \times 5, 5 \times 6, 6 \times 7, 7 \times 8$.

So, the next number is $8 \times 9 = 72$.

6) 4, -8, 16, -32, 64, ?

A. 128

B. -128

C. 192

D. -192

Answer

ans. B

Explanation:

Each number is the preceding number multiplied by -2.

So, the required number is -128.

7) 7, 26, 63, 124, 215, 342, ?

A. 481

B. 511

C. 391

B. 421

Answer

ans. B

Explanation:

Numbers are $(23 - 1)$, $(33 - 1)$, $(43 - 1)$, $(53 - 1)$, $(63 - 1)$, $(73 - 1)$ etc.

So, the next number is $(83 - 1) = (512 - 1) = 511$.

8) 3, 12, 27, 48, 75, 108, ?

A. 147

B. 183

C. 162

D. 192

Answer

ans. A

Explanation:

The numbers are 3×12 , 3×22 , 3×32 , 3×42 , 3×52 , 3×62 , Missing number = $3 \times 72 = 147$

9) 20, 19, 17, ?, 10, 5

A. 14

B. 15

C. 13

D. 11

Answer

ans. A

Explanation:

The Pattern is $-1, -2, \dots$

Missing number = $17 - 3 = 14$.

10) 1, 6, 13, 22, 33, ?

A. 44

B. 45

C. 46

D. 47

Answer

Ans . C

The pattern is + 5, + 7, + 9, + 11,...

∴ Missing number = $33 + 13 = 46$.

11) 24, 60, 120, 210, ?

A. 300

B. 420

C. 336

D. 400

Answer

ans. C

Explanation:

The pattern is 36, 60, + 90, ... i.e. $+ 16 \times (6 + 0)$, $+ 16 \times (6 + 4)$, $+ [6 * (6 + 9)]$, Missing number $210 + 16 \times (6 + 15) = 210 + 126 = 336$.

12) 3, 6, 18, 72, ?

A. 144

B. 360

C. 288

D. 216

Answer

ans. B

Explanation:

pattern is * 2, * 3,*4, number is = $72 \times 5 = 360$.

13) 3, 7, 6, 5, 9, 3, 12, 1, 15, ?

A. 18

B. 13

C. -1

D. 3

Answer

ans. C

Explanation:

There are two series, beginning respectively with 3 and 7. In one 3 is added and in another 2 is subtracted.

The next number is $1 - 2 = -1$.

14) 192, 021, 222, 324, 252, 627, 2_, 9_?

A. 280, 930

B. 282, 930

C. 248, 920

D. 250, 940

Answer

ans. B

Explanation:

If you look closely, you will find a sequence in every alternating number.

192, 222 and 252 form one series where 30 is added each time.

021, 324 and 627 form one series where 303 is added each time.

Thus the next two numbers will be 282 and 930.

15) 2, 4, 12, 48, 240, ?

A. 960

B. 1440

C. 1080

D. 1920

Answer

ans. B

Explanation:

Go on multiplying the given numbers by 2, 3, 4, 5, 6.

So, the correct next number is 1440.

16. 1, 4, 9, 16, 25?

(A) 35

(B) 36

(C) 48

(D) 49

Answer

Ans . B

17. 2, 3, 5, 6, ?, 9, ?, 12

(A) 9, 11

(B) 11, 8

(C) 8, 11

(D) 8, 10

Answer

Ans . C

18. 563, 647, 479, 815, (...)

(A) 672

(B) 386

(C) 279

(D) 143

Answer

Ans . D

19. 4, 10 (..), 82, 244, 730

(A) 24

(B) 28

(C) 77

(D) 218

Answer

Ans . B

20. 3, 4, 7, 7, 13, 13, 21, 22, 31, 34, (..)

(A) 42

(B) 43

(C) 51

(D) 52

Answer

Ans . B

21. 1, 2, 5, 12, 27, 58, 121.....

(A) 246

(B) 247

(C) 248

(D) 249

(E) None of these

Answer

Ans . C

22. 32, 44, 58, 74, 92, 112, (?)

(A) 132

(B) 136

(C) 134

(D) 138

(E) None of these

Answer

Ans . C

23. 121, 114, 105, 94, 81, 66, (?)

(A) 49

(B) 47

(C) 52

(D) 53

(E) None of these

Answer

Ans . A

24. 7, 4, 5, 9, ? , 52.5, 160.5

(A) 32

(B) 16

(C) 14

(D) 20

(E) None of these

Answer

Ans . D

25. 4, 10, 40, 190, 940, ? , 23440

(A) 4690

(B) 2930

(C) 5140

(D) 3680

(E) None of these

Answer

Ans . A

26. 2, 15, 4, 47, 7, 118, 11, ?,?

(A) 210, 15

(B) 202, 16

(C) 200, 17

(D) 203, 16

(E) None of these

Answer

Ans . D

27. 1, 2, 3, 14, 5, 34, 7, ?, ?

(A) 68, 7

(B) 63, 9

(C) 60, 11

(D) 62, 9

Answer

Ans . D

28. 25-K-8, 23-I-11, 21-G-14, 19-E-17, ?

(A) 17-F-19

(B) 19-C-17

(C) 17-C-20

(D) 20-D-17

Answer

Ans . C

29. 3, 18, 15, 24, 35, ?....

(A) 44

(B) 40

(C) 42

(D) 48

Answer

Ans . D

30. 6, 12, 20, 30, ?

(A) 40

(B) 41

(C) 42

(D) 48

Answer

Ans . C

Q.31. W-144, ?, S-100, Q-81, O-64

(A) U-121

(B) U-122

(C) V-122

(D) V-128

Answer

Ans . A

Solution

Letters : W $\xrightarrow{-2}$ **U** $\xrightarrow{-2}$ S $\xrightarrow{-2}$ Q $\xrightarrow{-2}$ O
Numbers : 144 (12^2) \longrightarrow **121** (11^2) \longrightarrow 100 (10^2) \longrightarrow 81 (9^2) \longrightarrow 64 (8^2)

Q.32. 2, A, 9, B, 6, C, 13, D, ?

(A) 9

(B) 10

(C) 12

(D) 19

Answer

Ans . B

Solution

The given sequence is a combination of two series :

I. 2, 9, 6, 13, ?

and

II. A, B, C, D

The pattern in I is : $2 \xrightarrow{+7} 9 \xrightarrow{-3} 6 \xrightarrow{+7} 13 \xrightarrow{-3} \textcircled{10}$

So, the missing term is 10.

Q.33. KMP, IP8, GS11, EV14, ?

(A) BX17

(B) BY17

(C) CY17

(D) CY18

(E) CZ17

Answer

Ans . C

Solution

1st letter : C $\xrightarrow{+3}$ F $\xrightarrow{+3}$ I $\xrightarrow{+3}$ (L)

Number : 4 (2^2) \longrightarrow 9 (3^2) \longrightarrow 16 (4^2) \longrightarrow (25) (5^2)

3rd letter : X $\xrightarrow{-3}$ U $\xrightarrow{-3}$ R $\xrightarrow{-3}$ (O)

Q.34. C4X, F9U, 116R, ?

(A) K25P

(B) L25P

(C) L25O

(D) L27P

Answer

Ans . C

Solution

1st letter : C $\xrightarrow{+3}$ F $\xrightarrow{+3}$ I $\xrightarrow{+3}$ (L)

Number : 4 (2^2) \longrightarrow 9 (3^2) \longrightarrow 16 (4^2) \longrightarrow (25) (5^2)

3rd letter : X $\xrightarrow{-3}$ U $\xrightarrow{-3}$ R $\xrightarrow{-3}$ (O)

Q.35. 2Z5, 7Y7, 14X9, 23W11, 34V13, ?

(A) 27U24

(B) 45U15

(C) 47U15

(D) 47V14

Answer

Ans . C

Solution

1st number : $2 \xrightarrow{+5} 7 \xrightarrow{+7} 14 \xrightarrow{+9} 23 \xrightarrow{+11} 34 \xrightarrow{+13} 47$

Middle letter : $Z \xrightarrow{-1} Y \xrightarrow{-1} X \xrightarrow{-1} W \xrightarrow{-1} V \xrightarrow{-1} U$

3rd number : $5 \xrightarrow{+2} 7 \xrightarrow{+2} 9 \xrightarrow{+2} 11 \xrightarrow{+2} 13 \xrightarrow{+2} 15$

Q.36. N5V, K7T, ?, E14P, B19N

(A) H9R

(B) H10Q

(C) H10R

(D) I10R

Answer

Ans . C

Solution

1st letter : N $\xrightarrow{-3}$ K $\xrightarrow{-3}$ **H** $\xrightarrow{-3}$ E $\xrightarrow{-3}$ B
Middle letter : 5 $\xrightarrow{+2}$ 7 $\xrightarrow{+3}$ **10** $\xrightarrow{+4}$ 14 $\xrightarrow{+5}$ 19
2nd letter : V $\xrightarrow{-2}$ T $\xrightarrow{-2}$ **R** $\xrightarrow{-2}$ P $\xrightarrow{-2}$ N

Q.37. Q1F, S2F, U6D, W21C ?

(A) Y44B

(B) Y66B

(C) Y88B

(D) Z88B

Answer

Ans . C

Solution

1st number : $2 \xrightarrow{\times 2} 4 \xrightarrow{\times 3} 12 \xrightarrow{\times 4} \textcircled{48}$
Middle letter : $A \xrightarrow{+3} D \xrightarrow{+3} G \xrightarrow{+3} \textcircled{J}$
3rd number : $11 \xrightarrow{+2} 13 \xrightarrow{+4} 17 \xrightarrow{+6} \textcircled{23}$

Q.38. 2A11, 4D13, 12G17, ?

(A) 36I19

(B) 36J21

(C) 48J21

(D) 48J23

Answer

Ans . D

Solution

$$\begin{array}{l} \text{1st number} : 2 \xrightarrow{\times 2} 4 \xrightarrow{\times 3} 12 \xrightarrow{\times 4} \textcircled{48} \\ \text{Middle letter} : A \xrightarrow{+3} D \xrightarrow{+3} G \xrightarrow{+3} \textcircled{J} \\ \text{3rd number} : 11 \xrightarrow{+2} 13 \xrightarrow{+4} 17 \xrightarrow{+6} \textcircled{23} \end{array}$$

Q.39. J2Z, K4X, 17V, ?, H16R, M22P

(A) I11T

(B) L11S

(C) L12T

(D) L12S

Answer

Ans . D

Solution

The first letters in odd numbered terms form series. $J \xrightarrow{-1} I \xrightarrow{-1} H$ and in even numbered terms form series $K \xrightarrow{+1} \textcircled{L} \xrightarrow{+1} M$.

Middle number : $2 \xrightarrow{+2} 4 \xrightarrow{+3} 7 \xrightarrow{+4} \textcircled{11} \xrightarrow{+5} 16 \xrightarrow{+6} 22$

3rd letter : $Z \xrightarrow{-2} X \xrightarrow{-2} V \xrightarrow{-2} \textcircled{T} \xrightarrow{-2} R \xrightarrow{-2} P$

Q.40. Find the term which does not fit into the series:

- (A) 5FU
- (B) 15LS
- (C) 9IT
- (D) 17OR

Answer

Ans . B

Solution

1st number : $1 \xrightarrow{+4} 5 \xrightarrow{+4} 9 \xrightarrow{+4} \textcircled{13} \xrightarrow{+4} 17$

2nd letter : $C \xrightarrow{+3} F \xrightarrow{+3} I \xrightarrow{+3} \textcircled{L} \xrightarrow{+3} O$

3rd letter : $V \xrightarrow{-1} U \xrightarrow{-1} T \xrightarrow{-1} \textcircled{S} \xrightarrow{-1} R$

Thus, the term 15LS is wrong and must be replaced by 13LS.

Directions (41-55): These questions are based on the following arrangement. Study the arrangement carefully to answer these questions.

M 6 ★ I A 7 \$ J # 5 4 B U 2 R Q D H L O @ P T E F

Q41. How many such symbols are there in the above arrangement each of which is immediately followed by a number and also immediately preceded by a consonant?

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

Q42. If we remove all the vowels in this series, then which of the following element will be 7th from right end?

(a) P

(b) H

(c) D

(d) Q

(e) None of these

Q3. How many such vowels are there in the above arrangement each of which is immediately followed by a consonant and also immediately preceded by a symbol?

(a) None

(b) One

(c) Two

(d) Three

(e) None of these

Q44. How many such consonants are there in the above arrangement, each of which is immediately preceded by a consonant and also immediately followed by a consonant?

(a) None

(b) One

(c) Two

(d) Three

(e) More than three

Q45. If we remove all the vowels and symbols in this series, then which element will be 13th from left end?

(a) L

(b) H

(c) D

(d) Q

(e) None of these

Directions (46-50): Read the following character sequence carefully and then answer the question given below it.

Q46. How many such symbols are there in the above sequence, each of which is immediately preceded by an odd number?

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

Q47. If all the numbers are dropped in the given series, then which element will be at 12th position from left end?

- (a) \$
- (b) T
- (c) @
- (d) R
- (e) E

Q48. Which of the following element is third to the left of sixteenth element from the right?

(a) 5

(b) T

(c) \$

(d) &

(e) 7

Q49. How many such symbols are there in the above sequence, each of which is immediately preceded by a number and immediately followed by a number?

(a) One

(b) Two

(c) Three

(d) None

(e) None of these

Q50. What will come in place of the question mark of the series?

2 @ !, W \$ 3, T 7 &, ?

(a) D * E

(b) D E *

(c) * E D

(d) L X U

(e) None of these

Directions (51-55): Study the following digit-letter-symbol sequence carefully and answer the questions given below:

G > Z J L 2 ! D – M # 8 C % B < K 1 & A W / P E + Q @ 7 F 6

Q51. How many such symbols are there in the above sequence, each of which is immediately followed by a perfect cube of a number?

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

Q52. Which of the following element is fifth to the left of sixteenth element from the left?

- (a) %
- (b) C
- (c) M
- (d) #
- (e) None of these

Q53. If all the numbers are dropped in the given series, then which element will be at sixth position from right end?

(a) M

(b) A

(c) B

(d) /

(e) None of these

Q54. If the first fifteen elements in the above sequence are written in reverse order, then which of the following element will be twenty-first from the right end?

(a) 2

(b) !

(c) P

(d) L

(e) None of these

Q55. How many such numbers are there in the above sequence, each of which is immediately followed by a symbol and immediately preceded by a number?

(a) None

(b) One

(c) Two

(d) Four

(e) None of these

Directions (Q56 – Q59): Based on the series given below, answer the following questions:

H # K O & L \$ % X I A V E @ ? D + F M

Q 56. How many symbols in the given series are immediately preceded by a vowel?

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

Q 57. Which is the seventh element from the left of the 15th element from left?

1. A
 2. \$
 3. %
 4. D
 5. ?
-

Q 58. How many such consonants are there in the given series, each of which is immediately preceded by a vowel and succeeded by a symbol?

1. Four
 2. Six
 3. None
 4. One
 5. Two
-

Q 59. Which element is placed 4th to the right of 11th element from left?

1. D
 2. +
 3. #
 4. ?
 5. X
-

Directions (Q60 – Q64): Study the series given below carefully and answer the following questions:

Q 2 K 4 * \$ B K + D 5 1 F & R \$ O ^ C

Q 60. If all the symbols in the series are removed, which element will be sixth from the right end of the series?

1. 5
 2. R
 3. K
 4. +
 5. B
-

Q 61. How many symbols are there in between the first vowel from left and the first consonant from the right end of the series?

1. Two
 2. Four
 3. Three
 4. One
 5. None of the above
-

Q 62. How many such symbols are there in the given series which are immediately preceded by a symbol and followed by a consonant?

1. Two
 2. Three
 3. One
 4. None
 5. None of the above
-

Q 63. Which element is second to the right of the fifth element from the left of the series?

1. F
 2. K
 3. #
 4. +
 5. B
-

Q 64. What is the product of all the numbers given in the alphanumeric series?

1. 45
 2. 50
 3. 40
 4. 12
 5. 60
-

Directions (Q65 – Q69): In each of the alphanumeric series given below, find the missing element

Q 65.

A-9 B-16 ? D-36 E-49

1. C-26
 2. C-30
 3. C-27
 4. C-25
 5. C-33
-

Q 66.

Z-12 X-8 ? T-0 R-8

1. V-6
 2. V-4
 3. V-10
 4. V-0
 5. V-14
-

Q 67.

P-1 ? R-27 S-256 T-3125

1. Q-5
 2. Q-2
 3. Q-6
 4. Q-30
 5. Q-22
-

Q 68.

? G-4 H-6 I-8 J-10

1. F-2
 2. F-1
 3. F-0
 4. F-4
 5. F-10
-

Q 69.

A-26 B-25 C-24 X-3 Y-2 ?

1. Z-5
 2. Z-22
 3. Z-26
 4. Z-3
 5. Z-1
-

Directions (Q70 – Q73): Refer to the number given below, and answer the following questions:

234 657 283 647 994

Q 70. If all the digits in each of the given numbers are arranged in ascending order within the number, which will be highest number thus formed?

1. 234
 2. 657
 3. 283
 4. 647
 5. 994
-

Q 71. If the first and last digit of each number is interchanged with each other, which will be the smallest number thus formed?

1. 234
 2. 994
 3. 657
 4. 647
 5. 283
-

Q 72. When all the digits in each number is multiplied with each other, the product of which of these numbers shall be the greatest?

1. 234
 2. 657
 3. 283
 4. 647
 5. 994
-

Q 73. If the digit at one's place of the largest number is added to the digit at hundreds place of the smallest number. What will be the sum of the two numbers?

1. 12
 2. 24
 3. 35
 4. 23
 5. 13
-

Directions (Q74 – Q77): Based on the alphanumeric series given below, answer the following questions:

4 G 7 * \$ K \$ L ? # L O @ E B + A I

Q 74. Which element is placed sixth to the right of the seventh element from left?

1. G
 2. #
 3. \$
 4. @
 5. B
-

Q 75. How many such vowels are there in the given series, each of which is followed by a consonant?

1. Two
 2. Three
 3. One
 4. None
 5. None of the above
-

Q 76. If all the symbols and vowels are eliminated from the series, which element shall be seventh from the right end of the series?

1. 7
 2. 4
 3. K
 4. L
 5. B
-

Q 77. Which element is fourth to the left of the second element from the right end of the series?

1. #
 2. *
 3. E
 4. B
 5. @
-

References Links

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