Reasoning

Alphabet

Level-3

Q1 **Directions: Study the following data carefully and answer the questions accordingly.**

Given below is a word and two conditions. According to conditions you will get two alphabets from the word. How many letters of the English alphabet are between these two letters.

EXAMCENTER

Condition 1 : first vowel from left end

Condition 2 : second consonant from right end.

(A) Five or less than five

(B) Ten or less than ten

(C) Fourteen or less than Fourteen

(D) Twenty or less than twenty

(E) Less than twenty five

Q2 **Directions: Study the following data carefully and answer the questions accordingly.**

Given below is a word and two conditions. According to conditions you will get two alphabets from the word. How many letters of the English alphabet are between these two letters.

PHYSICSWALLAH

Condition 1 : first vowel from left end

Condition 2 : second consonant from right end.

(A) Two or less than two

(B) Ten or less than ten

(C) Fifteen or less than fifteen

(D) Twenty or less than twenty

(E) Less than twenty five

Q3 **Directions: Study the following data carefully and answer the questions accordingly.**

Given below is a word and two conditions. According to conditions you will get two alphabets from the word. How many letters of the English alphabet are between these two letters.

PROBATIONARY

Condition 1 : third vowel from left end

Condition 2 : fourth consonant from right end.

(A) Five or less than five

(B) Ten or less than ten

(C) Fifteen or less than fifteen

(D) Twenty or less than twenty

(E) Less than twenty five

Q4 **Directions: Study the following data carefully and answer the questions accordingly.**

Given below is a word and two conditions. According to conditions you will get two alphabets from the word. How many letters of the English alphabet are between these two letters.

REASONING

Condition 1 : second vowel from left end

Condition 2 : third consonant from right end.

(A) Five or less than five

(B) Ten or less than ten

(C) Twelve or less than twelve

(D) Twenty or less than twenty

(E) Less than twenty five

Q5 **What will be the fourth letter from the right end of each word when the vowels of the given words are arranged first, followed by the consonants in alphabetical order, and then each vowel is replaced with the next letter in the alphabet and each consonant is replaced with the previous letter in the alphabet?**

1. FAMOUS
2. ULTIMATE

3. UNIFORM

(A) NKL   (B) PVE

(C) EKL   (D) VKE

(E) ELE

Q6 Directions: Study the following data carefully and answer the questions accordingly.

How many meaningful English words can be formed using the first, third, fifth, and eighth letters of the word 'MAGNIFYING' after rearranging all the letters in alphabetical order?

(A) Zero

(B) More than three

(C) One

(D) Two

(E) Three

Q7 Directions: Study the following data carefully and answer the questions accordingly.

How many meaningful English words can be formed with the first, the third, the fifth, and the sixth letters of the word EMMULATE, using each letter only once in each word?

(A) One   (B) Two

(C) Three   (D) Four

(E) None of these

Q8 WEIGHTLIFTING

If all the letters in the above word, which are appearing exactly twice are to be dropped then how many such pair(s) of letters are there in the newly formed word which has the same number of letters between them as in the alphabetical series as we see from right to left?

(A) One   (B) Two

(C) Three   (D) Four

(E) Five

Q9 Directions: Study the following data carefully and answer the questions accordingly.

If in the word "PREROGATIVE" each consonant is replaced by the previous alphabet and each vowel is replaced by the next alphabet of the english alphabetical series then which of the following will be the seventh from the left?

(A) U   (B) O

(C) B   (D) F

(E) None of these

Q10 Directions: Study the following data carefully and answer the questions accordingly.

If in the word "ACTION" all consonant replaced their opposite letter according to alphabetical order than how many vowel in new arrangement?

(A) Four   (B) Five

(C) Three   (D) Two

(E) None

Q11 Directions: Study the following data carefully and answer the questions accordingly.

If in the word 'APPRECIATE', positions of the first and the second letter are interchanged, positions of the third and fourth letter are interchanged and so on the positions of 9th and 10th digits are interchanged, then which letter will be 7th from the left end?

(A) R   (B) M

(C) I   (D) A

(E) None of these

Q12 Directions: Study the following data carefully and answer the questions accordingly.

If in the word 'STABILIZE', each vowel is changed to the immediate next letter and each consonant is changed to the immediate previous letter according to the English alphabetical series and then all the letters are arranged in the alphabetical order from right to left. Which of the following letter is fourth from the right end?

(A) B   (B) K

(C) F   (D) J

(E) Y

Q13 Directions: Study the following data carefully and answer the questions accordingly.

If in the word "ASPIRATION" all the vowels are replaced by its second succeeding letter in the alphabetical series and all the consonants are replaced by its second preceding letter in the

alphabetical series, then how many letters (as per the alphabetical order) are there between the third letter from the right and fourth letter from the left end of the word after arranging all the letters in alphabetical order from the left to right?

(A) Six   (B) Eleven

(C) Seven   (D) Three

(E) Five

Q14 Directions: Study the following data carefully and answer the questions accordingly.

If in the word "ATMOSPHERE" all the letters are replaced by the second succeeding letter (as per the alphabetical series), then the letters are arranged in alphabetical order from left to right, then what is the sum of the place value (as per the alphabetical series) of the letters which are fourth from the right end and third from the left end of the new arrangement?

(A) 35   (B) 15

(C) 26   (D) 25

(E) 27

Q15 Directions: Study the following data carefully and answer the questions accordingly.

If in the word "CHLORINE", from left to right, the vowels are arranged first followed by consonants in alphabetical series, then all the letters are changed to the next letter in alphabetical series, then which of the following letter will be fourth from the left end?

(A) J   (B) P

(C) D   (D) I

(E) M

Q16 Directions: Study the following data carefully and answer the questions accordingly.

If in the word "VERSATILE" Consonants are changed to the previous letter and Vowels are changed to the next letter in alphabetical order from left to right then which among the following letter is third to the right of the second letter from the left end of the word?

(A) K   (B) Q

(C) F   (D) S

(E) B

Q17 Directions: Study the following data carefully and answer the questions accordingly.

First 13 numbers starting from 1 are written from top to bottom. The word "BRIDGES" is written in alphabetical order against each odd number from top to bottom. Two letters are between D and M.

The number of letters written between X and E is 0.

The number of letters written between X and M is the same as M and U.

(No letter is repeated against any number)

The placed value of Z is 10.

There is no letter between B and K.

What is the sum of positions of the letter BRIDGES?

(A) 49   (B) 59

(C) 39   (D) 48

(E) 47

Q18 If a four-letter meaningful word can be formed by using the first, fourth, fifth, and sixth letters from the word **"EVERYDAY",** then what is the last letter from the left end of the newly formed word? Mark X as your answer, if more than one word is formed. Mark Z, if no meaningful word can be formed.

(A) T   (B) I

(C) X   (D) Z

(E) Y

Q19 Each consonant of the word 'ADVANTAGE' is changed to the previous letter in the English alphabetical series. If the new alphabets thus formed are arranged in alphabetical order (from left to right), which of the following will be the 4th letter from the left end?

(A) A   (B) E

(C) C   (D) F

(E) None of these

Q20

Directions: Study the following data carefully and answer the questions accordingly.

If a meaningful word is formed by using the second, fifth, sixth and thirteenth letter(from the left end) of the word "RESPONSIBILITY", then which of the following will be the third letter from the right end of the word thus formed. If more than one such word is formed mark Y as your answer. If no meaningful word is formed, mark X as your answer.

(A) X (B) T
(C) N (D) Y
(E) O

Q21 If in the word **COMPOSED**, the letter which is immediate right of each vowel is replaced immediate previous letter in the dictionary order, then how many vowels are there in the newly formed word?

(A) 2 (B) 4
(C) 3 (D) 5
(E) 1

Q22 If the 1st half of the word **"LACTONISED"** is replaced by the previous letter in the alphabetical series and the 2nd half is replaced by the next letter in the alphabetical series then what is the difference of the number of consonants and vowels?

(A) 7 (B) 4
(C) 6 (D) 2
(E) 5

Answer Key

Q1	(C)		Q12	(D)
Q2	(A)		Q13	(E)
Q3	(B)		Q14	(D)
Q4	(C)		Q15	(C)
Q5	(D)		Q16	(E)
Q6	(D)		Q17	(A)
Q7	(C)		Q18	(C)
Q8	(B)		Q19	(C)
Q9	(C)		Q20	(D)
Q10	(C)		Q21	(C)
Q11	(D)		Q22	(C)

Hints & Solutions

Q1 Text Solution:

Condition 1 : first vowel from left end - E

Condition 2 : second consonant from right end. - T

14 letters lie between E and T

Q2 Text Solution:

Condition 1 : first vowel from left end - I

Condition 2 : second consonant from right end. - L

two letters lie between I and L1

Q3 Text Solution:

Condition 1 : third vowel from left end - I

Condition 2 : fourth consonant from right end - T

Ten letters are lie between I and T

Q4 Text Solution:

Condition 1 : second vowel from left end - A

Condition 2 : third consonant from right end. - N

twelve letters lie between A and N

Q5 Text Solution:

Rearranging the given words according to the given condition,

1. FAMOUS → AOUFMS → BPVELR
2. ULTIMATE → AEIULMTT → BFJVKLSS
3. UNIFORM → IOUFMNR→ JPVELMQ

Hence, fourth letter from right in I, II and III respectively are
EKL

Q6 Text Solution:

Given:

MAGNIFYING

Now, arranging in alphabetical order:

AFGGIIMNNY

The first, third, fifth and eighth letters are A, G, I and N.

The meaningful English words that can be formed by using A, G, I and N are GAIN and AGIN.

Therefore, two words can be made.

Q7 Text Solution:

Word: EMMULATE

1st letter = E; 3rd letter = M; 5th letter = L; 6th letter = A

Letters given: EMLA

Words possible: MEAL, MALE and LAME.

Hence, 3 such word is possible.

Q8 Text Solution:

Given word - WEIGHTLIFTING

After operation - WEIHIFIN

WEIHLIFIN

Q9 Text Solution:

If in the word "PREROGATIVE" each consonant is replaced by the previous alphabet and each vowel is replaced by the next alphabet of the english alphabetical series then the new formed word will be OQFQPFBSJUF.

Therefore, B will be seventh from the left.

Q10 Text Solution:

Given Word- ACTION

ACTION - AXGIOM

There is only 3 vowels.

Q11 Text Solution:

P A R P C E A I E T

7th letter from the left end - A

Q12 Text Solution:

After changing the letters:

R S B A J K J Y F

After arranging alphabetical order:

Y S R K J J F B A

Q13 Text Solution:

After the arrangement,

A S P I R A T I O N - C Q N K P C R K Q L

C Q N K P C R K Q L - C C K K L N P Q Q R

Third letter from the right end is Q

Fourth letter from the left end is K

Five letters (L, M, N, O and P) are there between K and Q

Q14 Text Solution:

First, we have to replace all the letters with their second succeeding letter as per the alphabetical series:

A T M O S P H E R E - C V O Q U R J G T G

Then the letters are arranged in alphabetical order from left to right:

C V O Q U R J G T G - C G G J O Q R T U V

Finally, we have to find out the sum of the place value of the fourth letter from the right end and the third letter from the left end.

The fourth letter from the right end is R and its place value is 18 and the third letter from the left end is G and its place value is 7

So, the answer is 18+7= 25

Q15 Text Solution:

CHLORINE

First arranged vowels from left to right then arranged consonants:

E I O C H L N R

Now all the letters are changed to the next letter according to alphabetical series and the fourth letter from the left end:

F J P D I M O S

Q16 Text Solution:

V E R S A T I L E

After the arrangement,

U F Q R B S J K F

3rd to the right of the 2nd letter from the left end = 3 + 2 = 5th from the left end

The 5th from the left end is 'B'

Q17 Text Solution:

First 13 numbers starting from 1 are written from top to bottom. The word "BRIDGES" is written in alphabetical order against each odd number from top to bottom.

1	B
2	
3	D
4	

5	E
6	
7	G
8	
9	I
10	
11	R
12	
13	S

Two letters are between D and M and the place value of M is above the place value of G.

- The number of letters written between X and E is 0.
- The number of letters written between X and M is the same as M and U.
- X is written above E. and X is between D and E
- Two letters are written between R and S. (No letter is repeated against any number)
  The placed value of Z is 10.
  There is no letter between B and K.

1	B
2	K
3	D
4	X
5	E
6	M
7	G
8	U
9	I
10	Z
11	R
12	
13	S

Sum of the position of letter Bridges are 1+11+9+3+7+5+13 = 49

Q18 Text Solution:

E V E R Y D A Y

First letter - E
Fourth letter - R
Fifth letter - Y
Sixth letter - D
DYER, YERD, DREY

Q19 Text Solution:
A D V A N T A G E
Each consonant is changed: **A C U A M S A F E**
to previous letter in english
Alphabetical series
Then Alphabets are arranged **A A A C E F M S U**
in alphabetical order from left:
to right.
Hence, 4th letter from the left end is **' C'**

Q20 Text Solution:
R E S P O N S I B I L I T Y

From these 4 alphabets we can make only two words:
TONE and **NOTE**

Q21 Text Solution:
C O M P O S E D
Letter Immediate right of each vowel is replaced immediate previous letter: **C O L P O R E C**

Q22 Text Solution:
L A C T O N I S E D
1st half replaced by previous letter: **K Z B S N** N I S E D
2nd half replaced by next letter : K Z B S N **O J T F E**
No.of consonants = 8 (K, Z, B, S, N, J, T, F)
No.of vowels = 2 (O, E)
Difference of no.of consonants (8) **-** vowels (2)= **6**