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## Coding Decoding Questions for SBI PO Pre, IBPS PO Pre, SBI Clerk Mains and IBPS Clerk Mains Exams.

## Coding Decoding Quiz 35

Directions: In each of the following questions given below, a group of digits/letters is given followed by four combinations of symbols numbered A, B, C and D. You have to find out which of the following four combinations correctly represent the group of digits/letters based on the symbol codes and the conditions given below. If none of the combinations matches, choose 'None of these' as your answer.

| A | E | I | O | U |
| :---: | :---: | :---: | :---: | :---: |
| $@$ | $\#$ | $\$$ | $\%$ | $\&$ |

And the rest of the letters will be coded as the sum of the digits of the numerical position of them in the alphabetical series.

Condition 1:
If the sum of the numbers in the code is a multiple of 3 then the last two elements of the code are to be interchanged.

Condition 2:
If the product of the first and last element in the code is a multiple of 5 then the code will be written in the reversed order.

Condition 3:
If there are more than two symbols in the code then the code will be written in the reversed order except for first and the last element.

1. What would be the code of the word 'WOMAN'?
A. $5 @ \% 45$
B. $5 @ 4 \% 5$
C. $5 \% 4 @ 5$
D. 54\%@5
E. None of these
2. What would be the code of the word 'JESUS'?
A. 1\#1\&1
B. 1\&1\#1
C. 1\&1\#1
D. 1\#11\&
E. None of these
3. What would be the code of the word 'PARTY'?
A. $79 @ 27$
B. @7927
C. 792@7
D. 72@97
E. None of these
4. What would be the code of the word 'PEACE'?
A. 73@\#\#
B. \#3@7\#
C. 7\#@3\#
D. \#@73\#
E. None of these
5. What would be the code of the word 'ADMIN'?
A. @44\$5
B. $5 @ 44 \$$
C. 5\$44@
D. 54\$4@
E. None of these

## Correct Answers:

| $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ |
| :--- | :--- | :--- | :--- | :--- |
| B | D | E | A | C |

## Explanations :

1. With the help of the information given above we can modify the given table as:

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $@$ | 2 | 3 | 4 | $\#$ | 6 | 7 | 8 | \$ | 1 | 2 | 3 | 4 | 5 | $\%$ | 7 | 8 | 9 | 1 | 2 | $\&$ | 4 | 5 | 6 | 7 | 8 |

First of all we will try to write the code of 'WOMAN' normally which is '5\%4@5'.

Now, in the code of 'WOMAN' we can see that product of first and last element in the code is a multiple of 5 . Therefore condition 2 can be applied.

Thus, the actual code of the word 'WOMAN' is ‘5@4\%5'.
Hence, the correct answer is option B.
2. With the help of the information given above we can modify the given table as:

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $@$ | 2 | 3 | 4 | $\#$ | 6 | 7 | 8 | \$ | 1 | 2 | 3 | 4 | 5 | $\%$ | 7 | 8 | 9 | 1 | 2 | $\&$ | 4 | 5 | 6 | 7 | 8 |

First of all we will try to write the code of 'JESUS' normally which is ' $1 \# 1 \& 1$ '.
Now, in the code of 'JESUS' we can see that sum of numbers in the code is a multiple of 3 . Therefore condition 1 can be applied.

Thus, the actual code of the word 'JESUS' is ' $1 \# 11 \&$ '.
Hence, the correct answer is option D.
3. With the help of the information given above we can modify the given table as:

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $@$ | 2 | 3 | 4 | $\#$ | 6 | 7 | 8 | $\$$ | 1 | 2 | 3 | 4 | 5 | $\%$ | 7 | 8 | 9 | 1 | 2 | $\&$ | 4 | 5 | 6 | 7 | 8 |

Here we can see that none of the conditions can be applied in this case. So, we can write the code of 'PARTY' directly from the modified table.

Now, the code of the word 'PARTY' is '7@927'.
Hence, the correct answer is option E .
4. With the help of the information given above we can modify the given table as:

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $@$ | 2 | 3 | 4 | $\#$ | 6 | 7 | 8 | $\$$ | 1 | 2 | 3 | 4 | 5 | $\%$ | 7 | 8 | 9 | 1 | 2 | $\&$ | 4 | 5 | 6 | 7 | 8 |

First of all we will try to write the code of 'PEACE' normally which is '7\#@3\#'.
Now, in the code of 'PEACE' we can see that there are more than two symbols in the code. Therefore condition 3 can be applied.

Thus, the actual code of the word 'PEACE' is '73@\#\#'.
Hence, the correct answer is option A.
5. With the help of the information given above we can modify the given table as:

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $@$ | 2 | 3 | 4 | $\#$ | 6 | 7 | 8 | $\$$ | 1 | 2 | 3 | 4 | 5 | $\%$ | 7 | 8 | 9 | 1 | 2 | $\&$ | 4 | 5 | 6 | 7 | 8 |

First of all we will try to write the code of 'ADMIN' normally which is ' $@ 44 \$ 5$ '.
Now, in the code of 'ADMIN' we can see that product of first and last element in the code is a multiple of 5 . Therefore condition 2 can be applied.

Thus, the actual code of the word 'ADMIN' is '5\$44@'.

Hence, the correct answer is option C.


