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# Coding Decoding Questions for IBPS Clerk Mains, SBI Clerk Mains, IBPS SO Pre, SBI PO Pre, IBPS PO Pre and RRB Scale I Pre Exams.

## Coding Decoding Quiz 26

**Directions:** In each of the following questions given below, a group of letters is given followed by four combinations of symbols/digits/letters labelled A, B, C and D. You have to find out which of the following four combinations correctly represents the group of letters based on the 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 their numerical position in the English alphabetical series.

### Condition 1:

If the number of even digits in the code is more than the number of odd digits then each odd number in the code will be converted into its respective letter whose numerical position in alphabetical series is same as the number.

### Condition 2:

If all the numbers in the code are odd digits then each number in the code will be converted into its respective letter whose numerical position in alphabetical series is same as the number and the obtained codes at first and last position will be interchanged.

### Condition 3:

If there are more than two symbols in the code then the consonants are to be changed to their immediate next letter in the English alphabetical series.

If there is more than one condition applicable in a code then only condition 3 will be applied.

## 1. What would be the code of the word 'TRAFFIC'?

- A. BI@FF%C      B. B9@66%C      C. 2I@66%C      D. B9@FF%3      E. None of these

## 2. What would be the code for 'TREASURE'?

- A. SQ#@R&Q#      B. US#@T&S#      C. BI#@A&I#      D. 29#@1&9#      E. None of these

3. What would be the code for 'NECTOR'?

- A. 5#32\$9      B. E#C2\$I      C. 5#3B\$9      D. I#CB\$E      E. None of these

4. What would be the code for 'COURAGE'?

- A. D\$&S@I#      B. D\$&S@H#      C. C\$&I@G#      D. 3\$&9@7#      E. None of these

5. What would be the code for 'PENCIL'?

- A. 7#EC%3      B. C#EC%G      C. G#5%CC      D. 3#E3%3      E. None of these

Correct Answers:

1	2	3	4	5
C	B	A	B	B

Explanations:

1. The following table shows the numerical value of the letters in which the letters are coded.

A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	1	2	3	4
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
5	6	7	8	9	1	2	3	4	5	6	7	8

The code for TRAFFIC is 29@66%3, but here the number of even digits(2,6,6) i.e. three is more than that of odd digits (9,3) i.e. 2.

Thus condition 1 will apply here.

Thus the actual code for TRAFFIC is 2I@66%C.

Hence option C is correct.

2. The following table shows the numerical value of the letters in which the letters are coded.

A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	1	2	3	4
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
5	6	7	8	9	1	2	3	4	5	6	7	8

The code for TREASURE is 29#@1&9#, but here the number of symbols are more than two.

Thus condition 3 will apply here.

Thus the actual code for TREASURE is US#@T&S#.

Hence option B is correct.

3. The following table shows the numerical value of the letters in which the letters are coded.

A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	1	2	3	4
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
5	6	7	8	9	1	2	3	4	5	6	7	8

The code for NECTOR is 5#32\$9, but here the number of odd digits(5,3,9) i.e. three is more than that of even digits (2) i.e. one.

Thus **No condition** will apply here.

Thus the actual code for NECTOR will remain as 5#32\$9.

Hence option A is correct.

4. The following table shows the numerical value of the letters in which the letters are coded.

A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	1	2	3	4
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
5	6	7	8	9	1	2	3	4	5	6	7	8

The code for COURAGE is 3\$&9@7#, but here the number of symbols is more than two as well as all the numbers are odd.

Therefore conditions 2 and 3 both are applicable.

In such a case only condition 3 will apply here.

Thus the actual code for COURAGE will be D\$&S@H#.

Hence option B is correct.

5. The following table shows the numerical value of the letters in which the letters are coded.

A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	1	2	3	4
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
5	6	7	8	9	1	2	3	4	5	6	7	8

The code for PENCIL is 7#53%3, but here all the numbers are odd.

Thus condition 2 will apply here.

Thus the actual code for PENCIL will be C#EC%G.

Hence option B is correct.





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