Coding decoding Questions for IBPS PO Pre, IBPS SO Pre, IBPS Clerk, SBI PO Pre and SBI Clerk exams

CODING DECODING QUIZ 36

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

Element	7	$	6	@	4	8	<	1	%	÷	9	2	&	3	#	×	5
Code	J	B	V	Q	A	T	N	D	W	L	P	U	Y	C	R	F	K

Condition 1:
If first element is a number and last element is a symbol then the code of first and last element will be interchanged.

Condition 2:
If first element is a symbol and last element is a number then both elements will be coded as the code of symbol.

Condition 3:
If third element is an even number and sixth element is a symbol then both will be coded as 'E'.

Condition 4:
If an element is appearing twice in the code then the code of that element will not be written.

Note- If more than one condition is applicable then they are to be applied in increasing order of their condition number.

1. Find the code of '4@186<×$'.

A. AQDVTNFB   B. BQTDNVFA   C. AQVDTNFB

D. BQDTVNFA   E. None of these

2. Find the code of '<38#5&9'.

A. NCTRKEP   B. NCERKEN   C. NCERKYP

D. NCEKREN   E. None of these

3. Find the code of '5×6$4<4@'.

A. KFEBEQ   B. QFEABAEK   C. QFEEBK

D. QFEBEK   E. None of these

4. Find the code of '&129×43'.

A. YDUPFAY   B. YDUAPFC   C. CUDPFAY

D. YDUFPAY   E. None of these

5. Find the code of '÷78%3@7×'.

A. LJEWCJEF   B. LECWEF   C. LEWCEF

D. LTEWCTEF   E. None of these

Correct answers:

1	2	3	4	5
D	B	D	A	C

Explanations:

1.

We have,
The given Combination = 4@186<×$

In the given combination, first element is a number and last element is a symbol.

Thus, only condition 1 can be applied.

Element	7	$	6	@	4	8	<	1	%	÷	9	2	&	3	#	×	5
Code	J	B	V	Q	A	T	N	D	W	L	P	U	Y	C	R	F	K

Using the above we can write the code of '4@186<×$' as 'AQDTVNFB'.
After applying condition 1 the code becomes 'BQDTVNFA'.

Hence, the correct answer is option D.

2.

We have,

The given Combination = <38#5&9

In the given combination, first element is a symbol and last element is a number, also third element is an even number and sixth element is a symbol.

Thus, both conditions 2 and 3 can be applied.

Element	7	$	6	@	4	8	<	1	%	÷	9	2	&	3	#	×	5
Code	J	B	V	Q	A	T	N	D	W	L	P	U	Y	C	R	F	K

Using the above we can write the code of '<38#5&9' as 'NCTRKYP'.

After applying condition 2 the code becomes 'NCTRKYN'.

After applying condition 3 the code becomes 'NCERKEN'.

Hence, the correct answer is option B.

3.

We have,

The given Combination = 5×6$4<4@

In the given combination, first element is a number and last element is a symbol, third element is an even number and sixth element is a symbol, also '4' is appearing twice in the code.

Thus, both conditions 1, 3 and 4 can be applied.

Element	7	$	6	@	4	8	<	1	%	÷	9	2	&	3	#	×	5
Code	J	B	V	Q	A	T	N	D	W	L	P	U	Y	C	R	F	K

Using the above we can write the code of '5×6$4<4@' as 'KFVBANAQ'.

After applying condition 1 the code becomes 'QFVBANAK'.

After applying condition 3 the code becomes 'QFEBAEAK'.

After applying condition 4 the code becomes 'QFEBEK'.

Hence, the correct answer is option D.

4.

We have,

The given Combination = &129×43

In the given combination, first element is a symbol and last element is a number.

Thus, only condition 2 can be applied.

Element	7	$	6	@	4	8	<	1	%	÷	9	2	&	3	#	×	5
Code	J	B	V	Q	A	T	N	D	W	L	P	U	Y	C	R	F	K

Using the above we can write the code of '&129×43' as 'YDUPFAC'.

After applying condition 2 the code becomes 'YDUPFAY'.

Hence, the correct answer is option A.

5.

We have,

The given Combination = ÷78%3@7×

In the given combination, third element is an even number and sixth element is a symbol, also '7' is appearing twice in the code.

Thus, both conditions 3 and 4 can be applied.

Element	7	$	6	@	4	8	<	1	%	÷	9	2	&	3	#	×	5
Code	J	B	V	Q	A	T	N	D	W	L	P	U	Y	C	R	F	K

Using the above we can write the code of '÷78%3@7×' as 'LJTWCQJF'.

After applying condition 3 the code becomes 'LJEWCEJF'.

After applying condition 4 the code becomes 'LEWCEF'.

Hence, the correct answer is option C.