

Coding Decoding Questions Overview

Coding Decoding Questions have a good weightage in the Banking Exam and the type of question asked in Banking exam is similar to the question mentioned below. It has been solved and explained by Gargi.ai Experts and they have tried to elaborate the concept used in Coding Decoding Questions.

Coding Decoding Questions

Direction: Study the following information and answer the given questions: In alphabetical series, each consonant is assigned a different number from 1-7 (for ex- B is coded as 1, C-2..... J-7) and again those numbers get repeated (for ex- K-1, L-2.....so on). Besides the above information, the following operations are to be applied for coding the words given in the questions below. Each letter of the given questions will be coded as per the given conditions: I. Vowels appearing before 'M' in the Alphabetical series will be coded as '**'. II. Vowels appearing after 'M' in the alphabetical series will be coded as '\$\$'. III. Number followed by the vowel will be coded as '@#'. IV. Number preceded by a vowel will be coded as '#1'. For example, MOST is coded as '#1\$\$@#2'.

Question

What is the code for 'OTHER'?

Difficulty : Difficult

Average Time : 69 Seconds

Options :

1. \$\$@##1**@#
2. **@##1\$\$#@
3. \$\$\$#1@**2
4. \$\$@##2**#@
5. None of these

Solution

The correct answer is **option 1** i.e. **\$\$@##1**@#**

Logic- The different number codes for all the consonants as per the given condition are,

B-1, C-2, D-3, F-4, G-5, H-6, J-7
K-1, L-2, M-3, N-4, P-5, Q-6, R-7
S-1, T-2, V-3, W-4, X-5, Y-6, Z-7

Step 1: The consonants of the word 'MOST' are to be coded as the number allotted to the consonant:

M	O	S	T
3	O	1	2

Step 2: The numbers immediately preceded and followed by the vowels are to be coded as per the given conditions;

So, the code for consonant for word 'MOST' is coded as '3O12', numbers 3 and 1 are immediately preceded and followed respectively by 'O' so, '3' is coded as '#1' and '1' is coded as '@#'.

	M	O	S	T
Step 1:	3	O	1	2
Step 2:	#1	O	@#	2

Step 3: Now the vowels are to be coded as per the given conditions, as 'O' comes after 'M' in the alphabetical series so 'O' is coded as '\$\$'.

	M	O	S	T
Step 1:	3	O	1	2
Step 2:	#1	O	@#	2
Step 3:	#1	\$\$	@#	2

So, the final code for the word 'MOST' is '#1\$\$@#2'.

Similarly,

'OTHER' is coded as '\$\$@##1**@#'.

Hence, the correct answer is '\$\$@##1**@#'.