

Coding Decoding Questions Overview

Coding Decoding Questions have a good weightage in the Ssc Chsl Exam and the type of question asked in Ssc Chsl exam is similar to the question mentioned below. It has been solved and explained by KD Live Experts under the guidance of Neetu Mam and they have tried to elaborate the concept used in Coding Decoding Questions.

Question On Coding Decoding

In a certain code language, 'Mango' is coded as '13-2-42-28-75' and 'GRAPE' is coded as '7-36-3-64-25'. How will 'APPLE' be coded in that language?

Difficulty : Moderate

Average Time : 35 Seconds

Coding Decoding Questions Options

- 1-32-48-48-25
- 1-32-24-21-30
- 2-32-48-24-28
- 2-16-48-21-25

Coding Decoding Questions Solution

The correct answer is **Option 1** i.e **1-32-48-48-25**.

Positional values of English Alphabets:

A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	10	11	12	13
26	25	24	23	22	21	20	19	18	17	16	15	14
Z	Y	X	W	V	U	T	S	R	Q	P	O	N

Logic : The positional values of the given letters are multiplied by their serial number in the given word.



Code for MANGO :

M	A	N	G	O
13	2	42	28	75

$$M (13) = 13 \times 1 = 13$$

$$A (1) = 1 \times 2 = 2$$

$$N (14) = 14 \times 3 = 42$$

$$G (7) = 7 \times 4 = 28$$

$$O (15) = 15 \times 5 = 75$$

Similarly, code for GRAPE:

G	R	A	P	E
7	36	3	64	25

$$G (7) = 7 \times 1 = 7$$

$$R (18) = 18 \times 2 = 36$$

$$A (1) = 1 \times 3 = 3$$

$$P (16) = 16 \times 4 = 64$$

$$E (5) = 5 \times 5 = 25$$

Similarly, for **APPLE**:

$$A (1) = 1 \times 1 = 1$$

$$P (16) = 16 \times 2 = 32$$

$$P (16) = 16 \times 3 = 48$$

$$L (12) = 12 \times 4 = 48$$

$$E (5) = 5 \times 5 = 25$$

Therefore, code for **APPLE** will be:

A	P	P	L	E
1	32	48	48	25

Hence, option 1 is the correct answer.

Coding Decoding Questions Tips and Tricks



1. Try to solve Coding Decoding Questions without taking any help from the solutions.
2. Coding Decoding Questions require proper usage of concept so firstly read the question thoroughly and then use the right concept.
3. In case you're not able to solve the question in less than 30 seconds in the exam then you should skip the question and move to the next question.

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Further Guidance on Coding Decoding Questions

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About Neetu Mam

Neetu Mam is primarily passionate for the English language and teaching from the last 20 years however for the Coding Decoding Questions. She has guided her team to provide the best explanation for the question.