



Friends!

We Used **Smartkeeda** and cracked Bank Exams

बैंक परीक्षाओं के लिए निश्चित रूप से

सर्वश्रेष्ठ मॉक टेस्ट सीरीज



**SOUMYADIP BISWAS**  
IBPS PO 2023



**DHAIRYA GAUR**  
RRB PO 2023



**TIYASA ROY**  
IBPS CLERK & PO 2023



**MD. SHABAN**  
IBPS PO & CLERK 2023



**BHAVANA PADALIYA**  
IBPS CLERK & PO 2023



**KAJOL WADHWANI**  
IBPS PO & CLERK 2023



**ESHU SINGH**  
SBI PO 2023



**SACHIN RAI**  
IBPS PO & CLERK 2023



**SUDHEER JANGID**  
RRB CLERK 2023



**VRINDA AGARWAL**  
SBI PO 2023



**SHREYA MAHENDRA MOON**  
IBPS PO 2023



**ANSH GULATI**  
IBPS PO & CLERK 2023  
SBI PO & RRB CLERK 2023

It's Your Turn Now  
**Take A Free Mock Test**

USE CODE

**FEST24** for 10% OFF

# Coding Decoding Questions for CGL Tier 1, NIFT and SSC 10+2 Exams

## Coding Decoding Quiz 13

Directions: Study the following question carefully and choose the right answer.

1. If ANCIENT is coded as 2516859 and NATURE is coded as 529048, then TRAIN will be coded as

A. 94285    B. 92456    C. 94265    D. 94168

2. If each of the letters in the English alphabet is assigned odd numerical value beginning A = 1, B = 3 and so on, what will the total value of the letters for the word 'HOTEL'?

A. 95    B. 115    C. 125    D. 105

3. If the word LEADER is coded as 20-13-9-12-13-26, how would you write LIGHT?

A. 20-16-15-17-22    B. 20-16-17-15-27    C. 20-15-16-18-23    D. 20-17-15-16-28

4. If each of the letters in the English alphabet is assigned an even numerical value by giving A = 2, B = 4 and so on. What would be the total value of the letters for the word LADY when similarly coded?

A. 82    B. 74    C. 72    D. 84

5. Rewrite the word POWDER in the numeric form by writing its first three letters in the reverse order and then next three letters in the reverse order by substituting O by 7, D by 2, W by 5, E by 1, P by 3, R by 6.

A. 573612    B. 576312    C. 657312    D. None of these

6. If B is coded as 8, F is coded as 6, Q is coded as 4, D is coded as 7, T is coded as 2, M is coded as 3 and K is coded as 5, then what is the coded form of BFKMQT?

A. 856342    B. 658342    C. 865243    D. 865342

7. If DRIVER = 12, PEDESTRIAN = 20, EGG = 6, then SHOP = ?

A. 8    B. 10    C. 16    D. 4

8. If O = 16, FOR = 42, then what is BACK equal to?

A. 20    B. 21    C. 22    D. None of these

9. If work is coded as 4 – 12 – 9 – 16. then how will you code MAGGI?

A. 14 – 26 – 20 – 20 – 18    B. 14 – 26 – 21 – 21 – 19    C. 15 – 26 – 20 – 20 – 18

D. 15 – 26 – 21 – 21 – 19

10. If D = 4 and FAT = 9, how will you code PIN = ?

A. 13    B. 10    C. 11    D. None of these

**Correct Answers:**

1	2	3	4	5	6	7	8	9	10
C	B	D	D	A	D	A	B	A	A

**Explanations:**

**1.**

From the given information,

A N C I E N T  
↓↓↓↓↓↓↓  
2 5 1 6 8 5 9

N A T U R E  
↓↓↓↓↓↓↓  
5 2 9 0 4 8

Therefore,

T R A I N  
↓↓↓↓↓  
9 4 2 6 5

**2.**

$$A \Rightarrow 1 \times 2 - 1 = 1$$

$$B \Rightarrow 2 \times 2 - 1 = 3$$

Therefore,





$$H \Rightarrow 08 \times 2 - 1 = 15$$

$$O \Rightarrow 15 \times 2 - 1 = 29$$

$$T \Rightarrow 20 \times 2 - 1 = 39$$

$$E \Rightarrow 05 \times 2 - 1 = 09$$

$$L \Rightarrow 12 \times 2 - 1 = 23$$

---

Total of numbers = 115

**3.**

$$L \Rightarrow 12 + 8 = 20$$

$$E \Rightarrow 5 + 8 = 13$$

$$A \Rightarrow 1 + 8 = 09$$

$$D \Rightarrow 4 + 8 = 12$$

$$E \Rightarrow 5 + 8 = 13$$

$$R \Rightarrow 18 + 8 = 26$$

Therefore,

$$L \Rightarrow 12 + 8 = 20$$

$$I \Rightarrow 9 + 8 = 17$$

$$G \Rightarrow 7 + 8 = 15$$

$$H \Rightarrow 8 + 8 = 16$$

$$T \Rightarrow 20 + 8 = 28$$

So, **20-17-15-16-28.**

**4.**

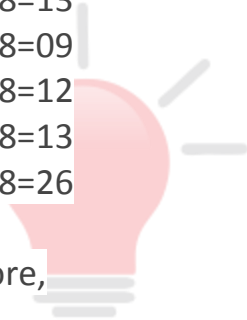
$$L \Rightarrow 12 \times 2 = 24$$

$$A \Rightarrow 01 \times 2 = 02$$

$$D \Rightarrow 04 \times 2 = 08$$

$$Y \Rightarrow 25 \times 2 = 50$$

---



**Smartkeeda**  
The Question Bank

---

Total of numbers = 84

**5.**

POW / DER = WOP / RED  $\rightarrow$  573612

**6.**

As code given in the above question-

The code for BFKMQT = 865342.

**7.**

Clearly, each word is coded by the numeral which is twice the number of letters in the word.

So, SHOP = (Number of letters in SHOP)  $\times$  2 =  $4 \times 2 = 8$ .

**8.**

We have: A = 2, B = 3, .....Z = 27 then FOR = F + O + R = 7 + 16 + 19 = 42

BACK = B + A + C + K = 3 + 2 + 4 + 12 = 21.

**9.**

Clearly, each letter is coded by the number obtained by subtracting from 27. the numeral denoting the position of the letter in the English alphabet M, A, A, G, I are 13th, 1st, 7th, 9th letter. So their coder are (27 - 13), (27 - 1), (27 - 7), (27 - 7), (27 - 9)

i.e. 14, 26, 20, 20, 18.

**10.**

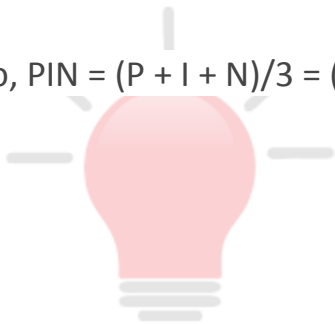
We have: A = 1, B = 2, C = 3, .....Y = 25, Z = 26.

Clearly, the code for a word is obtained by dividing the sum of the individual value of its letters by the number of letters in the word.

Thus  $FAT = (F + A + T) / 3 = (6 + 1 + 20) / 3$

$= 27 / 3 = 9$

So,  $PIN = (P + I + N) / 3 = (16 + 9 + 14) / 3 = 39 / 3 = 13$



**Smartkeeda**  
The Question Bank



**Smartkeeda**

The Question Bank

*Presents*

# Testzone

India's Leading Test Series Platform

**All Banks Exams**

**2024-25**

**12 Months Plan**

**@Just**

**Rs. 764**

To get 10% Off use code **FEST24**

- ✓ **Brilliant Test Analysis**
- ✓ **Excellent Content**
- ✓ **Unmatched Explanation**

**Buy Now**

