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Coding Decoding Questions for CGL Tier 1, NIFT & SSC 10+2

Coding Decoding Quiz 10

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

1. If H = 8 and HAT = 29, find how BOX = ?

A. 46 B. 43 C. 42 D. 41

2. If GARMENT is written as 20269142213, how is INDULGE written in that code?

A. 9144211275 B. 914211275 C. 1813326152022 D. 1813236152022

3. If the letters in PRABA are coded as 27595 and THILAK are coded as 368451, how can BHARATI be coded?

A. 9657538 B. 9567538 C. 9675538 D. 9567568

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4. If 'CONSTABLE' is coded as 91, what will be the code number for 'STABLE'?

A. 97 B. 59 C. 79 D. 75

5. If 3, 1, 11, 5 represents CAKE; 6, 1, 9, 12 is FAIL, what is represents FIRST?

A. 9, 18, 6, 19, 20 B. 6, 18, 9, 19, 20 C. 6, 9, 18, 19, 20 D. 18, 19, 20, 9, 6

6. If DELHI is coded as 73541 and CALCUTTA as 82589662, then how can CALICUT be coded?

A. 5279431 B. 5978013 C. 8251896 D. 8543691

7. If STOP is coded as 19 20 15 16. How can we code the word POTS?

A. 15 16 20 19 B. 19 20 15 16 C. 16 15 20 19 D. 16 15 19 20

8. If LUXOR is coded as 30, then GUILDS will be coded as?

A. 36 B. 380 C. 24 D. 40

9. In a certain code language, GRAPE is written as 27354 and FOUR is written as 1687. How is GROUP written in that code?

A. 27384 B. 27684 C. 27685 D. 27658

10. In a certain code of numbers GREEN is written as 20, 9, 22, 22, 13. How would YALLOW be written in that code?

A. 2, 26, 15, 15, 12, 4 B . 2, 5, 4, 14, 14, 10 C. 2, 2, 5, 12, 12, 3

D. 2, 9, 17, 17, 3, 7

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Correct Answers:

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

Explanations:

1.

H = 8: Position number in English alphabet

H A T
↓ ↓ ↓
8 + 1 + 20 = 29

Therefore,

B O X
↓ ↓ ↓
2 + 15 + 24 = 41

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2.

In this question we have to count places of alphabets from the end point Z.

Suppose Z = 1, Y = 2, X = 3 ……. A = 26.

Then,

GARMENT is written as ⇒20, 26, 9, 14, 22, 13, 7

Similarly,

INDULGE ⇒ **18, 13, 23, 6, 15, 20, 22**

3.

P R A B A
↓ ↓ ↓ ↓ ↓
2 7 5 9 5

T H I L A K
↓ ↓ ↓ ↓ ↓ ↓
3 6 8 4 5 1

Simialry;

B H A R A T I
↓ ↓ ↓ ↓ ↓ ↓ ↓
9 6 5 7 5 3 8

4.

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The alphabetical position of letters is as follows

C ⇒ 03
O ⇒ 15
N ⇒ 14
S ⇒ 19
T ⇒ 20
A ⇒ 01
B ⇒ 02
L ⇒ 12
E ⇒ 05
Total = 91

Similarly;

S ⇒ 19
T ⇒ 20
A ⇒ 01
B ⇒ 02
L ⇒ 12
E ⇒ 05
Total = 59

5.

Letters are coded according to their place in English alphabet.

So,

FIRST → 6, 9, 18, 19, 20.

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6.

D E L H I
↓ ↓ ↓ ↓ ↓
7 3 5 4 1

C A L C U T T A
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
8 2 5 8 9 6 6 2

Similarly;

C A L I C U T
↓ ↓ ↓ ↓ ↓ ↓ ↓
8 2 5 1 8 9 6

7.

S T O P ⇒ 19 20 15 16

Similarly;

P O T S ⇒16 15 20 19

8.

From the given information,

L ⇒ 12
U ⇒ 21
X ⇒ 24
O ⇒ 15
R ⇒ 18

Total = 90

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$\Rightarrow \frac{90}{3} = 30$

G ⇒ 07
U ⇒ 21
I ⇒ 09
L ⇒ 12
D ⇒ 04
S ⇒ 19

Total = 72

$\Rightarrow \frac{72}{3} = 24$

9.

From the given information;

G R A P E
↓ ↓ ↓ ↓ ↓
2 7 3 5 4

F O U R
↓ ↓ ↓ ↓
1 6 8 7

Similarly,

G R O U P
↓ ↓ ↓ ↓ ↓
2 7 6 8 5

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10.

In this question we have to count places of alphabets from the end point Z.

Suppose Z = 1, Y = 2, X = 3 …….A = 26.

Then,

GREEN ⇒ 20, 9, 22, 22, 13

Similarly,

YALLOW ⇒ **2, 26, 15, 15, 12, 4**

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