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

## Coding Decoding Quiz 18

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

1. If REASON is coded as 5 and BELIEVED as 7, then what is the code for GOVERNMENT?  
A. 6                      B. 8                      C. 9                      D. 10
2. If ACNE can be coded as 3, 7, 29, 11 then BOIL will be coded as ....?  
A. 5, 29, 19, 27      B. 5, 29, 19, 25      C. 5, 31, 21, 25      D. 5, 31, 19, 25
3. If RED is coded as 6720, then how would GREEN be coded?  
A. 1677199            B. 1677209            C. 16717209            D. 9207716
4. IF E = 5, PEN = 35, then PAGE = ?  
A. 27                    B. 28                    C. 29                    D. 36
5. If RAM is coded as 5, GUI is coded as 1, then what is the code for SAP?  
A. 3                      B. 9                      C. 4                      D. 7
6. If PLANT is coded as TNBLP, then LOGIC will be coded as  
A. CIHOL                B. ICHOL                C. GICLO                D. CIGOL
7. If in a code language, PAINT is written as 74128 and EXCEL is written as 93596, then how will ACCEPT be written in that language?  
A. 455978              B. 544978              C. 554978              D. 733961
8. If STAFF is coded as \$2#55 and FOLD is coded as 5@3% then how is STOLL written in that code language?  
A. \$@332                B. \$2@33                C. #2@33                D. \$2%33
9. If ZOO is coded as 2, TAN is coded as 8, then what is the code for WAR?  
A. 3                      B. 6                      C. 4                      D. 7
10. In a certain code, RAIN is written as 8\$%6 and MORE is written as 7#8@. How is REMAIN written in that code?  
A. #@7\$%6              B. #@&\$%6              C. 7@#\$\$%6              D. 8@7\$%6

Correct Answers:

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
C	D	B	C	B	A	A	B	B	D



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**Explanations :**



1. Clearly, each word is coded by the numeral which is 1 less than the number of letters in the word.

Since, there are 10 letters in the word GOVERNMENT, so required =  $10 - 1 = 9$ .

Hence, option C is correct.

2. In the given coding system, we have :

Letter	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Code	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31

So, the code for BOIL is 5, 31, 19, 25.

Hence, option D is correct.

3. Clearly, the order of letters in the word is reversed and then each letter is replaced by the numeral denoting its position in the English alphabet. Next, 2 is added to each numeral and the numerals so obtained are joined together physically to get the code. Thus, we have :

RED  $\rightarrow$  DER  $\rightarrow$  4/5/18  $\rightarrow$  6/7/20  $\rightarrow$  6720.

GREEN  $\rightarrow$  NEERG  $\rightarrow$  14/5/5/18/7  $\rightarrow$  16/7/7/20/9  $\rightarrow$  1677209.

Hence, option B is correct.

4. Clearly, putting A = 1, B = 2, C = 3, D = 4, E = 5, ..... M = 13, ..... x = 24, Y = 25, Z = 26, we have :

PEN = P + E + N = 16 + 5 + 14 = 35.

So, PAGE = P + A + G + E = 16 + 1 + 7 + 5 = 29.

Hence, option C is correct.

5. The numeric value of the letters (considering A to be 1 and Z to be 26) is added and simplified to obtain a single digit.





For **RAM**, the numeric value of R, A and M is 18, 1 and 13 respectively. Their sum is 32, Now 32 is further simplified to obtain a single digit by adding 3 and 2, which gives us **5** as the final value.

Similarly for **GUI**, the numeric value of G,U and I is 7, 21 and 9 respectively. Their sum is 37, which is simplified as  $3 + 7 = 10 \Rightarrow 1 + 0 = 1$ .

Similar process will be done to obtain the code for **SAP**, the numeric value of S, A and P is 19, 1 and 16 respectively. Their sum is 36, which is simplified as  $3 + 6 = 9$ .

So, the code for SAP is 9.

Hence option (B) is correct.

6.



Hence, option A is correct.

7.

Letter PAINTEXCL  
Code 741289356

The code for ACCEPT is 455978.

Hence, option A is correct.

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8.

Letter S T A F O L D



Code	\$	2	#	5	@	3	%
------	----	---	---	---	---	---	---

∴ STOLL → \$2@33

Hence, option B is correct.

9. The numeric value of the letters (considering A to be 1 and Z to be 26) is added and simplified to obtain a single digit.

For **ZOO**, the numeric value of Z, O and O is 26, 15 and 15 respectively. Their sum is 56, Now 56 is further simplified to obtain a single digit by adding 5 and 6, which gives us 11 which is again added to obtain **2** as the final value.

Similarly for **TAN**, the numeric value of T, A and N is 20, 1 and 14 respectively. Their sum is 35, which is simplified as  $3 + 5 = 8$ .

Similar process will be done to obtain the code for **WAR**, the numeric value of W, A and R is 23, 1 and 18 respectively. Their sum is 42, which is simplified as  $4 + 2 = 6$ .

So, the code for WAR is 6.

Hence option (B) is correct.

10.

Letter    R A I N M O E  
Code    8 \$ % 6 7 # @

Thus, the code for REMAIN is 8@7\$%6.

Hence, option D is correct.



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