SmartKeeda
The Question Bank

Presents

TestZone

India's least priced Test Series platform

JOIN

12 Month Plan
2017-18 All Test Series

@ Just

₹399/-
300+ Full Length Tests

- ☑ **Brilliant Test Analysis**
- ☑ **Excellent Content**
- ☑ **Unmatched Explanations**

JOIN NOW

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

Coding Decoding Quiz 16

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

1. If in a certain code BAT = 23 and CAT = 24, then how will you code HEN = ?

A. 25   B. 35   C. 26   D. 27

2. If A = 26, SUN = 27, Then MOON = ?

A. 52   B. 51   C. 53   D. None of these

3. If A = 2, M = 26, Z = 52, then RAT = ?

A. 70   B. 76   C. 78   D. 39

4. In a certain code, the word DEAL is coded 4 – 5 – 1 – 12 following the same rule of coding, what should be the code of the word GENTS?

A. 7 – 5 – 14 – 20 – 19   B. 6 – 5 – 14 – 20 – 19   C. 5 – 7 – 25 – 19 – 18

D. 7 – 6 – 15 – 21 – 20

5. In certain code DEAF is written as 3587 and FILE is written as 7465. How is IDEAL written in that code?

A. 43568   B. 43586   C. 63548   D. 48536   E. None of these

6. If certain language CHARCOLE coded as 45164913 and MORALE is coded as 296137, how is the word ALLOCHRE coded in that language?

A. 13396875   B. 16693985   C. 13394567   D. 19943785   E. None of these

7. In certain code RAIN is written as 8$%6 and MORE is wriiten as 7#8@. How REMAIN written in that code ?

A. #@7$%6   B. #@&$%6   C. 7@#$%6   D. 8@7$%6   E. None of these

8. In certain code, BRAIN is code written as *% ÷#× and TIER is written as $#+%. How is RENT written in that code ?
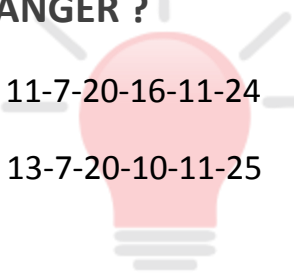
A. %×#$ B. %#×$ C. %+×$ D. +×%$ E. None of these

9. If REQUEST written as S2R52TU, then, how will ACID be written ?

A. 1394   B. IC94   C. BDJE   D. B3J4   E. None of these

10. If MACHINE is coded as 19-7-9-14-15-20-11, how will you cide DANGER ?

A. 11-7-20-16-11-24   B. 13-7-20-9-11-25   C. 10-7-20-13-11-24

D. 13-7-20-10-11-25

Correct Answers:

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

Explanations:

1.
C is one step ahead of B and code for CAT is 1 more than that for BAT. Thus the later are coded by numeral denoting their positions in the English alphabet.
i.e. A = 1, B = 2, C = 3 ………, Y = 25, Z = 26.
So, HEN $\Rightarrow$ H + E + N = 8 + 5 + 14 = 27.

2.
Here, each letter is represented by numeral denoting its position from the end of the English alphabet.
i.e. Z = 1, Y = 2, ……...M = 14,….., C = 24, B = 25, A = 26.
Then SUN = 8 + 6 + 13 = 27
MOON = 14 + 12 + 12 + 13 = 51.

3.
Clearly, each letter is assigned a numerical value which is twice the numeral denoting its positing in English alphabet.
So RAT = R + A + T

$$= 18 \times 2 + 2 + 20 \times 2$$

$$= 36 + 2 + 40 = 78.$$

4.

Each letter is coded by the numerical denoting its position in the English alphabet.
Thus, A is coded as 1, B as 2, C as 3,….. M as 13, N as 14..... Y as 25, Z as 26.
So, the code for GENTS is
G – E – N – T – S   =   7 – 5 – 14 – 20 – 19.

5.

Letter	D	E	A	F	I	L
Code	3	5	8	7	4	6

The, Code for IDEAL is 43586.

6.

Clearly, this is a question of direct-coding. Thus, the individual codes are as under:

Letter	C	H	A	R	O	L	M	E
Code	4	5	1	6	9	3	2	7

Thus, the code for ALLOCHRE is 13394567.

7.

Clearly, no aaparent rule of coding is visible in the given codes. Also, the given words have 'R' in common and '8' in common at the corresponding places in the code. This implies that letters have been assigned set numeral/ symbol codes i.e. this is a question of direct-coding .
Thus, we may sort out the individual codes as under :

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

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

8.

Letter	B	R	A	I	N	T	E
Code	*	%	÷	#	×	$	+

The, code for RENT is %+×$.

9.

Clearly, vowels A, E, I, O, U are coded as 1, 2, 3, 4, 5 respectively. Each of the consonants in the word is moved one step forward to give the corresponding letter of the code. So, the code for ACID becomes 1D3E.

10.

Clearly, every letter is assigned a numerical code obtained by adding 6 to the numeral denoting the position of that letter in the English alphabet.

Thus A is coded as (1 + 6) i.e. 7, B as (6 + 2), C as (6 + 3) i.e. 9....M as (13 + 6) i.e. is 19...., Z as (26 + 6) = 32.

Since. D,A,N,G,E,R are 4th, 1st, 14th, 7th, 5th and 18th letters in the English alphabet. so thier as respective codes are (4 + 6), (1 + 6), (14 + 6), (7 + 6), (5 + 6), (18 + 6) i.e 10, 7. 20, 13, 11, 24

so, the code for DANGER is 10 - 7 - 20 - 13 - 11 - 24.