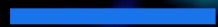


CODING & DECODING



LOGICAL REASONING

CODING AND DECODING



- **Coding and decoding in logical reasoning involves converting information (words, numbers, etc.) into a coded form and then converting it back to its original form.**
 - **Coding is the process of hiding the meaning of a message by representing it in a specific code, while decoding is the process of deciphering that code to reveal the original message.**
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ALPHABETS WITH POSTION VALUES

FORWARD PLACE VALUE- LEFT TO RIGHT



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

REVERSED PLACE VALUE - RIGHT TO LEFT



**1)If TSEREVE and
NOITACUDE stands
for EVEREST and
EDUCATION, how
will you code
REDFORT?**

A. RECFORT

B. TEDFNOR

C. REDFORT

D. TROFDER

**2)If CARPET is
coded as TCEAPR,
then the code for
NATIONAL would be**

A. NLATNOIA

B. LANOITAN

C. LNAANTOI

D. LNOINTAA

3)If JAPAN is coded KCSES, then the code for CASTLE will be

A. DIJOB T

B. DJKRDP

C. DKMSGR

D. DCVXQK

**4)If EARTH can be
coded as 'IUSBF'
how can GLOBE be
coded?**

A. HMPCF

B. FMPCH

C. FPMCH

D. FCPMH

**5)If PAINTER is written
in a code language as
NCGPRGP, then
REASON would be
written as**

A. PCYQMN

B. PGYQMN

C. PGYUMP

D. PGYUPM

**6) If in a certain code
BACK is coded as
5436, LABEL is coded
as 14510 what will be
the code for BALL?**

A. 1345

B. 5411

C. 1354

D. 2130

**7) If DOOR = 25,
LOWER = 37,
TOWER = 18,
then OVER = ?**

A. 81

B. 45

C. 60

D. 06

8) In a certain code language, if the value of 'INVADER' = 42 and 'SECURE' = 30, then what is the value of 'SITUATION'?

A. 81

B. 63

C. 72

D. 90

9) In a certain code language, if the value of $38 + 15 = 66$ and $29 + 36 = 99$, then what is the value of $82 + 44 = ?$

A. 77

B. 80

C. 88

D. 92

10) In a code language

'How are you' is coded as '3 4 5', 'Who are you' is coded as '4 1 3', 'They are good' is coded as '6 4 9'

'She is good' is coded as '7 9 2'. What is the code for 'you'?

A. 3

B. 2

C. 4

D. 5

12) Study the following information to answer the given questions.

In a certain code

'Basic material is available' is written as 'de kl ce dp'.

'Basic questions are solved' is written as 'sa kc bk de'.

'Almost questions available solved' is written as 'dp fc bk sa'.

'are material good enough' is written as 'kl ts kc mt'.

Which of the following is the code for 'is are'?

A. kl dp

B. sa fc

C. ce de

D. ce kc

13) Study the following information to answer the given questions.

In a certain code

'Basic material is available' is written as 'de kl ce dp'.

'Basic questions are solved' is written as 'sa kc bk de'.

'Almost questions available solved' is written as 'dp fc bk sa'.

'are material good enough' is written as 'kl ts kc mt'.

If 'questions make difference' is coded as 'cl km sa', then which of the following

is the code for 'solved are available'?

A. kc bk sa

B. dp mt kl

C. bk kc dp

D. de fc dp

14) Study the following information to answer the given questions.

In a certain code

'Basic material is available' is written as 'de kl ce dp'.

'Basic questions are solved' is written as 'sa kc bk de'.

'Almost questions available solved' is written as 'dp fc bk sa'.

'are material good enough' is written as 'kl ts kc mt'.

What can be the code of 'almost material unique'?

A. fc bk op

B. fc de kl

C. kl op mt

D. fc kl jf

**15) If SAND is called AIR,
Air is called PLATEAU,
PLATEAU is called WELL,
WELL is called ISLAND
and Island is called SKY,
then from where will a
person draw water from?**

A. WELL

B. ISLAND

C. SKY

D. AIR