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FOR MAH CET FOR BBA BBM BMS BCA & CUET UG PAPER 3 GENERAL TEST

Coding-Decoding

What it is and what is to be done?

Tips Before Starting

1. **Remember place values of Alphabets of English**
   A. **Forward Direction**
   B. **Reverse Direction**

1) Alphabet Position

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

2) Backward Alphabet Position

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

Tips Before Starting

2. Remember corresponding opposite letter

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

🤔 **What is the sum of position of letter and it's opposite?**

Types of Questions

1. Letter Coding
2. Number Coding
3. Mixed Letter/Number Coding
4. Substitution Coding

Example

1. Letter Coding

In a certain language 'COLLEGE' is written as 'GSPPIKI', then how will 'GROUPS' be written?

Example

2. Number Coding

If READ is coded as 7421 and BOOK is coded as 8335, then how is BOARD coded?

Example

3. Mixed Letter/Number Coding

In a certain code,

'2 4 7' means 'spread red carpet'

'2 3 6' means 'dust one carpet'

'2 3 4' means 'one red carpet'

Then what is the code for 'spread'?

Example

4. Substitution Coding (Basic)

In a certain code,

'book' is coded as 'pencil',

'pencil' is coded as 'mirror',

'mirror' is coded as 'board'

Then what is useful to write on paper?

Example

4. Substitution Coding (Complex)

In a certain code,

'he is good' is coded as 'si po re',

'she is bad' is coded as 'ti na re',

'he can' is coded as 'ka si'

'she play' is coded as 'de ti'

Then what should be code for 'play is can'?

a. ka de re   b. ti po ka

c. ka re na   d. de si re

$$-1 \quad \overset{F}{\underset{E}{\circlearrowleft}} \quad \overset{I}{\underset{H}{(-1}} \quad \overset{S}{\underset{R}{)}-1} \quad \overset{H}{\underset{G}{)}} \quad -1$$

If 'FISH is written as 'EHRG' in a certain code, then how would JUNGLE be written in that code?

(a) ITMFKD

(b) ITNFKD

(c) KVOHMF

(d) TIMFKD

I TM F K D

$\uparrow \subseteq \begin{matrix} S \\ R \end{matrix}$ $\left(\begin{matrix} U \\ U \end{matrix} \right)$ $\subseteq \begin{matrix} m \\ +1 \\ N \end{matrix}$ $\subseteq \begin{matrix} m \\ +1 \\ N \end{matrix}$ $\begin{matrix} E \\ E \end{matrix} \begin{matrix} R \\ R \end{matrix}$
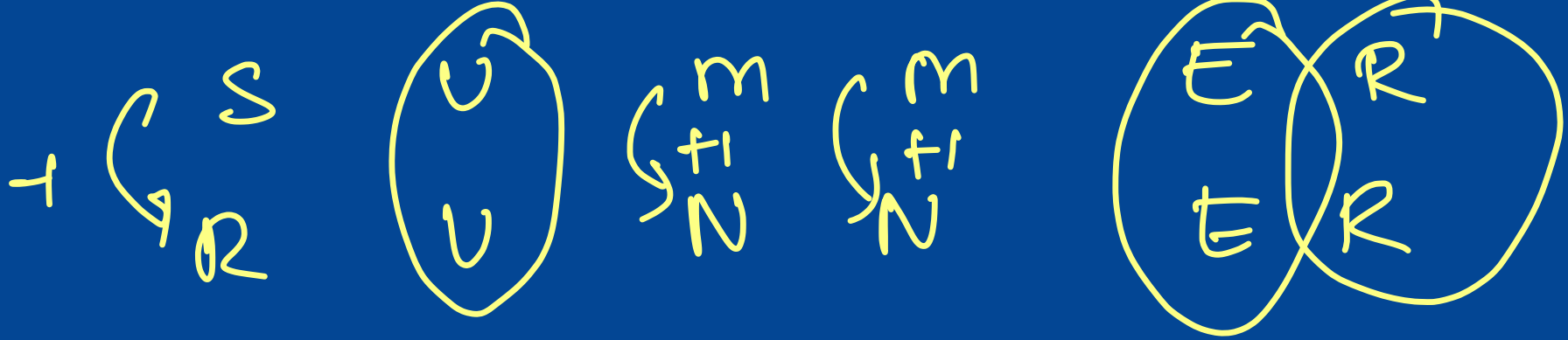
If SUMMER is coded as RUNNER, then code for WINTER will be

(a) SUITER

(b) VIOUER

(c) WALKER

(d) SUFFER

W IN T E R

V I O U E R

^{13}M ^{15}O T^{20} H^{18} E R

$-3\left\{\begin{array}{c}\\ \\ \end{array}\right.$

^{10}J $\underset{-18}{R}^{+3}$ Q_{17}^{-3} $\left.K\right)^{+3}_{11}$ B U
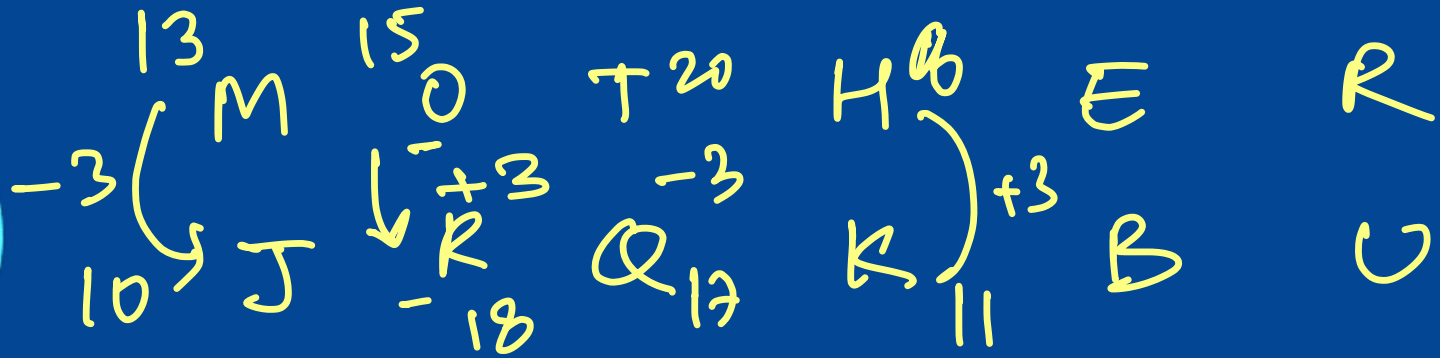
If the code for MOTHER is JRQKBU, then what is the
code for PRINCIPAL?

^{16}P ^{18}R I N C I P A L

(a) MRFKZLMXI

(b) ~~SULQFLSDO~~

(c) ~~MUFQZLMDI~~

(d) MRFKZFMXI

M U

G O L D → H O M E

C O M E → D O N E

C O R D → D O S E
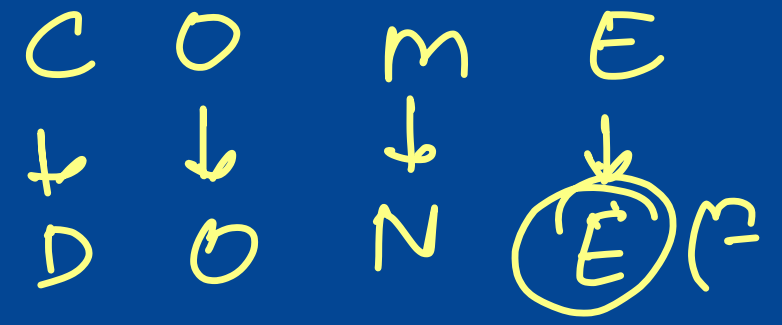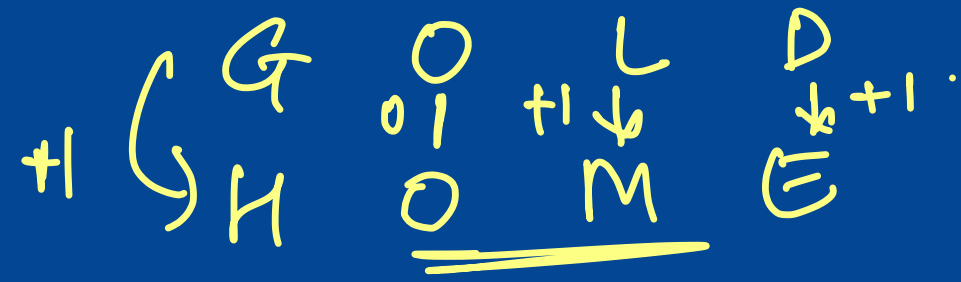
If 'GOLD' is written as HOME', 'COME' is coded as DONE' and 'CORD' is coded as 'DOSE', then how would you code 'SONS'?
(a) TPOT
(b) TOOT
(c) TOOS
(d) TONT

S O N S → T O O T
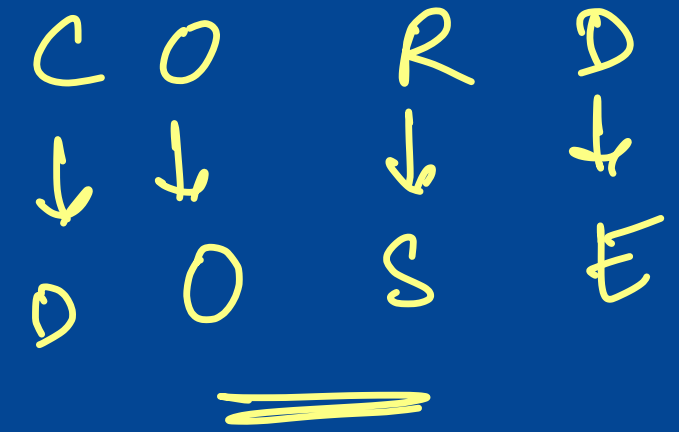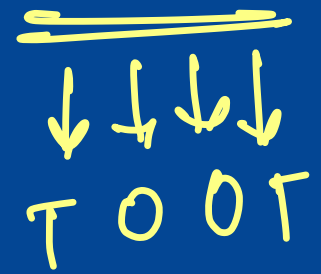
$$S \quad W^{-1} \quad I \quad T \quad CH$$
$$_{+1}T \quad V \quad _{+1}J \quad ^{-1}S \quad ^{+1}D \quad ^{-1}G \qquad \underline{+1, -1}$$

In a certain code, SWITCH is written as TVJSDG.

Which word would be written as CQFZE?

(a) BARED

(b) BRAED

(c) BREAD

(d) BRADE

$$B \quad R \quad E \quad A \quad D$$
$$_{+1} \quad _{-1} \quad _{+1} \quad _{-1} \quad _{+1}$$
$$C \quad Q \quad F \quad Z \quad E$$

2 A

ERMB CE DE

In a certain code, DECEMBER is written as, ERMBCEDE. Which word will be written as ERMBVENO in that code?

(a) AUGUST

(b) SEPTEMBER

(c) OCTOBER

(d) NOVEMBER

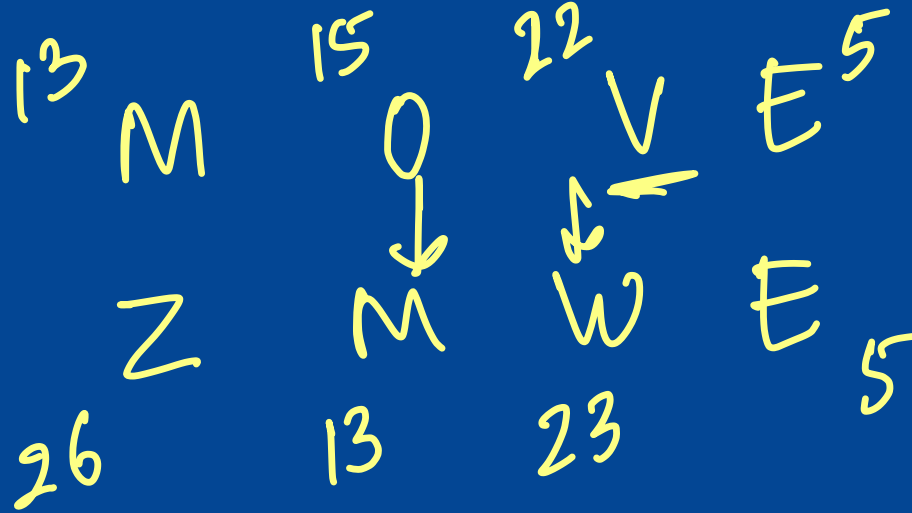NOVEMBER

M W E O

F I R E
6 9 18 5
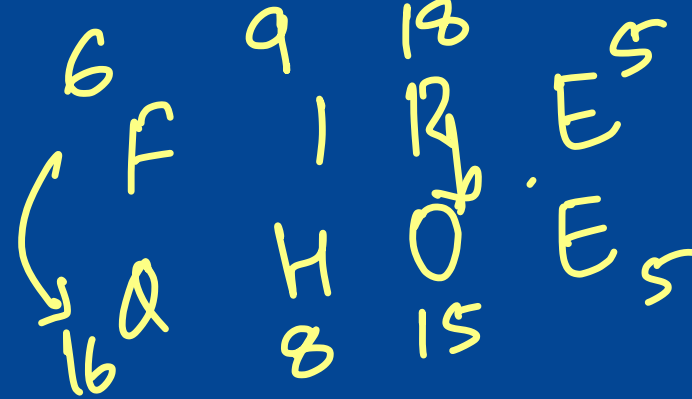
Q H O E
16 8 15 5

In a certain code, FIRE is written as QHOE and MOVE as ZMWE. Following the same rule of coding, what should be the code for the word OVER?

(a) MWED
(b) MWEO
(c) MWOE
(d) MWIO

M O V E
13 15 22 5

Z M W E
26 13 23 5

PARENT   CHILDREN
BDFGJK   MOXQUFGJS

If in a code language 'PARENT' is written as 'BDFGJK' and 'CHILDREN' is written as 'MOXQUFGJ' then how is 'REPRINT' written in that same code?

REPRINT

FGBFXJR

(a) FGBFXJK
(b) FGBUXJK
(c) FGBFXGD
(d) BGFXJK

If the letters in PRABA are coded as 27595 and THILAK is coded as 368451, then how can BHARATI be coded?
(a) 9567568
(b) 9675538
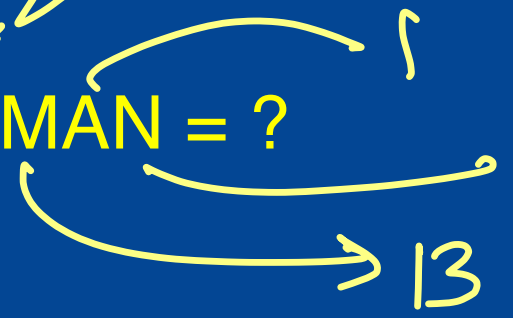(c) 9657538
(d) 9567538

5 7 5 3 8

If CAT = 12, then MAN = ?

(a) 14

(b) 24

(c) 16

(d) 15

3
24
1
20
÷2

1
13
14
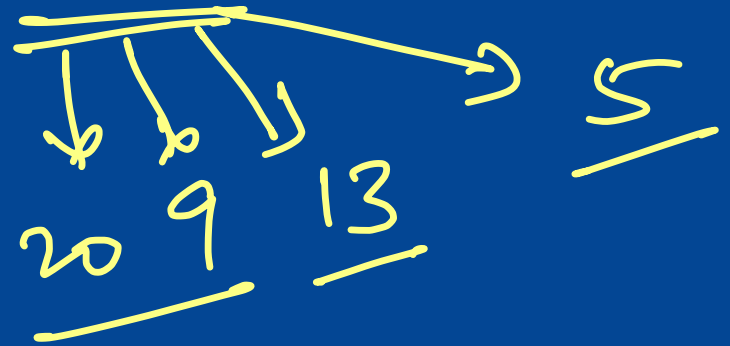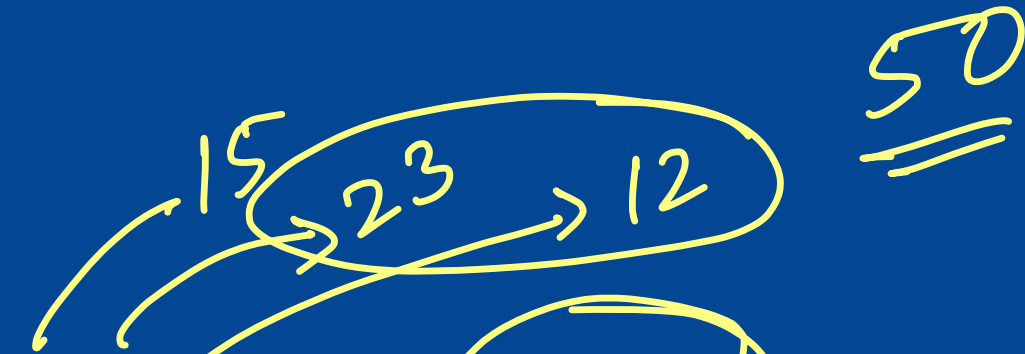$\frac{28}{2}$ = 14

15 23 12 50

If OWL =50 and N = 14, then TIME is

(a) 45

(b) 47

(c) 43

(d) 49

20 9 13 5

If dust is called 'air', air' is called 'fire', fire is called 'water', 'water' is called 'colour', 'colour' is called 'rain' and 'rain' is called 'dust', then where do fish live?

(a) Fire

(b) Water

(c) Colour

(d) Dust

If the animals which can walk are called swimmers, animals who crawl are called flying, those living in water are called snakes and those which fly in the sky are called hunters, then what will a lizard be called?
(a) Swimmers
(b) Snakes
(c) Flying
(d) Hunters

If 'god is great' = 'cp an bo', 'great help done' = 'er cp fs' and 'he is great' = 'bo cp dq', then what represents 'he is god'?

(a) cp er bo

(b) an bo cp

(c) da bo cp

(d) an bo dq

In a certain code, 592 means 'grapes are sweet', 374 means 'I like oranges' and 267 means 'oranges are sour'. Which digit represents sour?
(a) 9
(b) 5
(c) 6
(d) Cannot be determined

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Worksheet
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