

IMPACT 2.0

BATCH FOR BBA BBM BMS BCA BHMCT

ADV. CRASH COURSE for 2026

DAY 1

Reasoning

3-4 Q.

CODING

*→ Analogy
Classification*

DECODING

→ Series



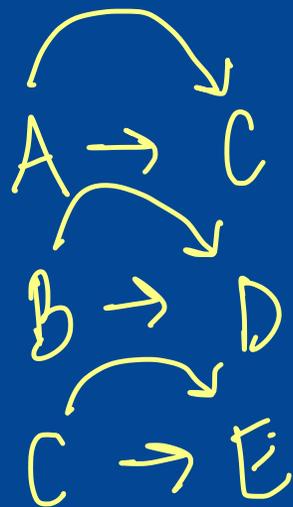
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IMPACT BATCH FOR
MAH CET BBA BCA**





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

= 27 - Forward No.

$(M) = 13$

$M = 27 - 13$
 $\rightarrow = 14$

E	J	O	T	Y
5	10	15	20	25

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

$3 + 24 = 27$

Forward + Reverse = 27
 $1 + 26 = 27$



Tips Before Starting

$$\textcircled{A} = 1$$

Corresponding opp letter =

$$27 - 1$$

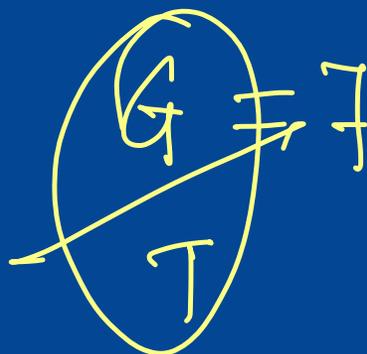
$$= 26$$

$$= \textcircled{Z}$$

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

Addition will always be $\textcircled{27}$



$$27 - 7 = 20$$



Types of Questions

- ✓ 1. Letter Coding ✱
- ✓ 2. Number Coding
- ✓ 3. Mixed Letter/Number Coding
- ✓ 4. Substitution Coding (Chinese coding)



Example

1. Letter Coding

In a code language, 'CERTAIN' is written as 'XVIGZRM'. How will 'ACQUIRE' be written as in that language?

- (a) ZXJFIRV (b) ZXJFRIV
(c) ZXJRFIV (d) ZXJFRVI

1 A 3 C 17 Q 21 U 9 I 18 R 5 E
Z X J F R I V

3 5 18 20 1 9 14
C E R T A I N

X V I G Z R M
24 22 9 7 26 18 13

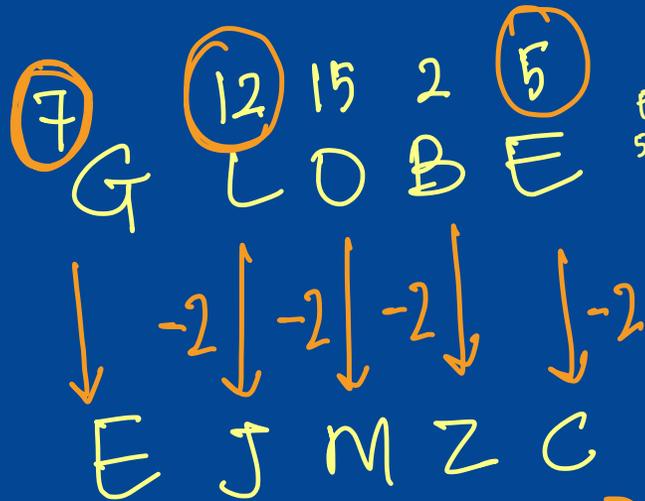
1. Write nos. corresponding to letters

2. Forward Reverse corresponding letters.



In a code language, 'GLOBE' is written as 'EJMZC'. What will be the code for 'WATCH' in the same code language?

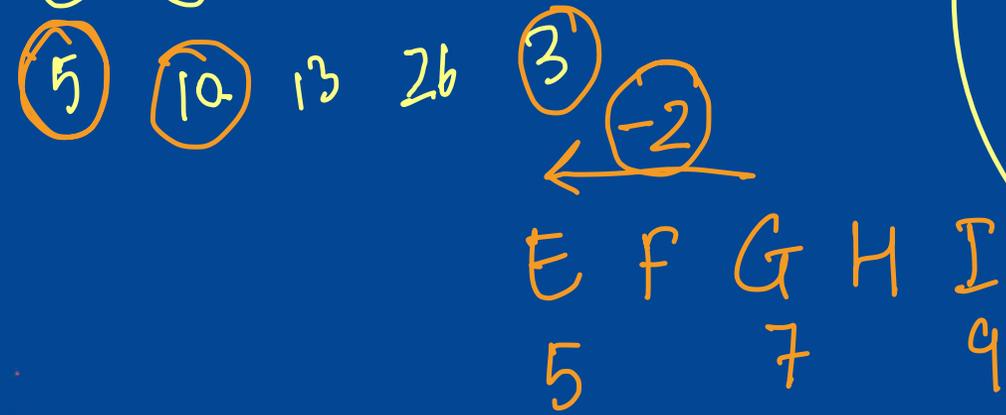
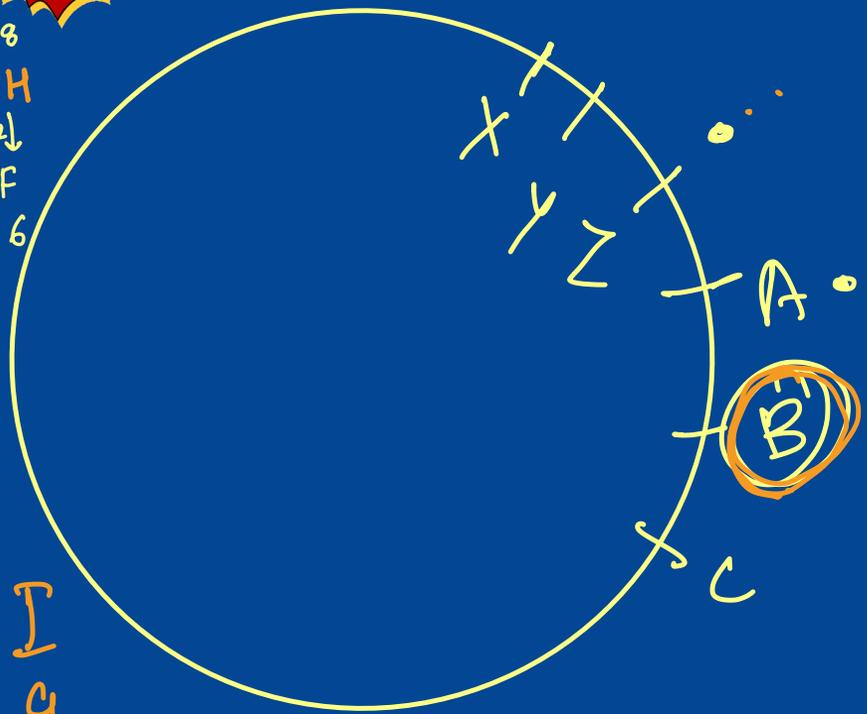
- (a) UYRAF (b) VYRBF (c) UYSBF (d) UYRBE



E	J	O	T	Y
5	10	15	20	25
23	1	20	3	8
W	A	T	C	H
-2↓	-2↓	-2↓	-2↓	-2↓
U	Y	R	A	F
21	25	18	1	6

ATTENTION!

Alphabets in Eng. are in circular pattern.



E	F	G	H	I
5		7		9



In a certain code FIRE is coded as DGPC. What will be the last letter of the coded word for LOOT?

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- A. Q
- B. R
- C. S
- D. P

↑
20
-2
18
R

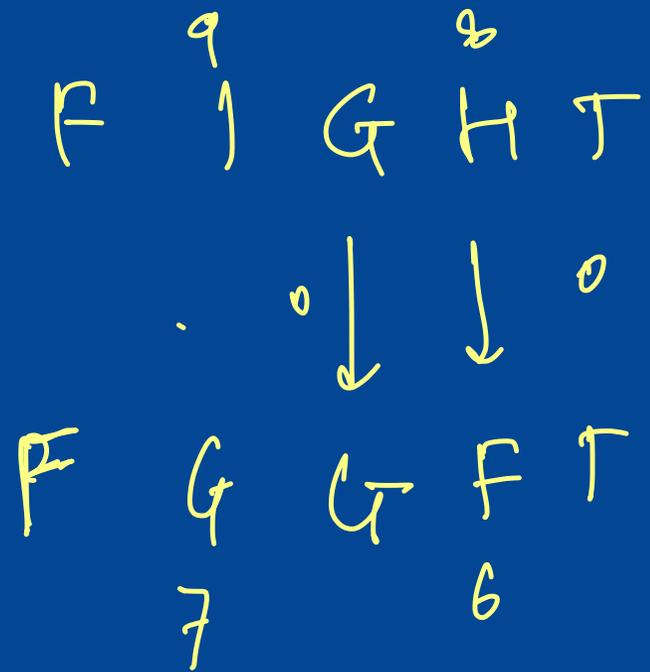
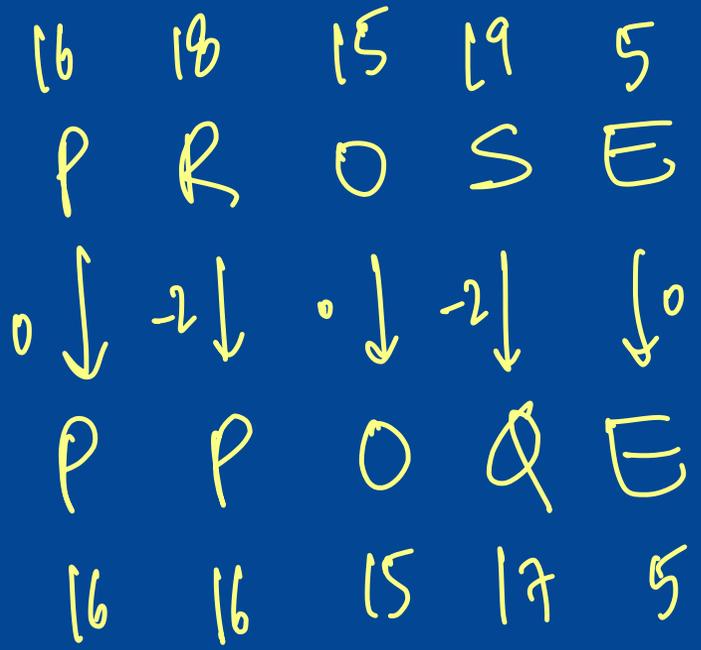
6	9	18	5
F	I	R	E
-2	-2	-2	-2
D	G	P	C
4	7	16	3



If in a certain language PROSE is coded as PPOQE, how is FIGHT coded in that code?

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- A. FIGFT
- B. FGGHT
- C. FGGFT
- D. LLGFT





In a certain code language, 'HANKER' is written as 'KXQHHO'.
 What will be the code for 'JINGLE' in that code language?
 (a) MFRDOC (b) NERCPC (c) MFQDOB (d) NERDOB

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

8 1 14 11 5 18
 H A N K E R
 +3 -3 +3 -3 +3 -3
 K X Q H H O
 11 24 17 8 8 15

10 9 14 7 12 5
 J I N G L E
 + -3 +3 -3 +3 -3
 M F Q D O B



In a certain code language, 'BLANCH' is written as 'YIXKZE'.
 What will be the code for 'DEFAME' in that code language?

- (a) CDEJKL (b) BCDXJC (c) ABCXJB (d) ABDXIB

$\begin{matrix} 2 & 12 & 1 & 14 & 3 & 8 \\ B & L & A & N & C & H \\ -3 & -3 & -3 & -3 & -3 & -3 \\ Y & I & X & K & Z & E \\ 25 & 9 & 24 & 11 & 26 & 5 \end{matrix}$

$\begin{matrix} 4 & 5 & 6 \\ D & E & F & A & M & E \\ \downarrow \\ \underline{A & B & C} \end{matrix}$

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



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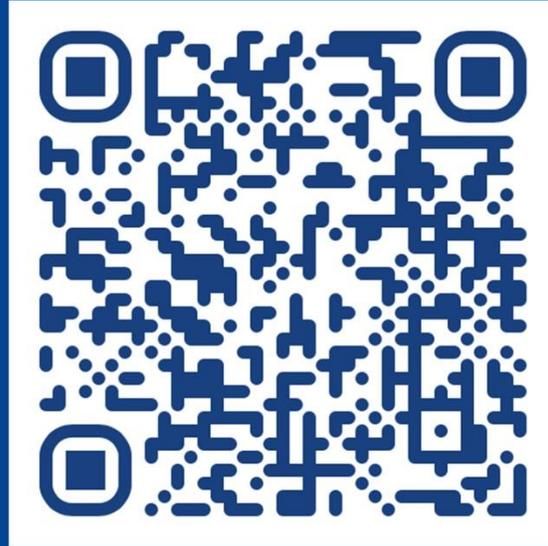


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