



*Mahendra's*



# SSC CGL/CPO/CHSL

## REASONING

# CODING DECODING

## ALPHABET TO NUMBER

## PART-3

**LIVE**

**07:30 PM**



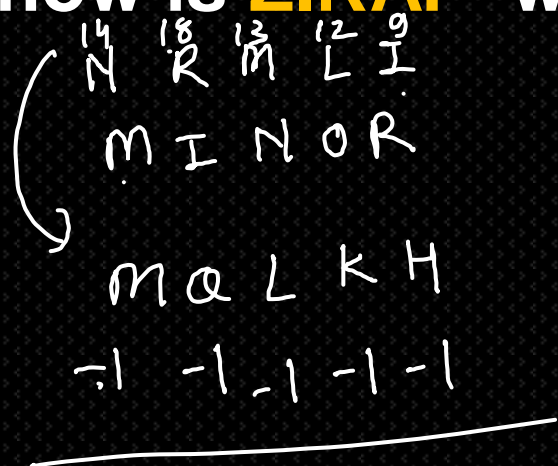
Alphabet - No

A = 1

→ B = 2

Q22. In a certain language, **MINOR** is written as **MQLKH**, and then how is **ZIRAF** written in same language?

- (a) ZQH YT ✓
- (b) QZH YT
- (c) ARIZU
- (d) HYTQJ



opposite -1

H.W.



Q23. In a certain code language 'DEAR' is coded as '7465' and 'LIFE' is coded as '8394'. Then how will 'IDEAL' be coded in the same code language

(a) 73648

(b) 37684

(c) 84673

(d) 37468 ✓

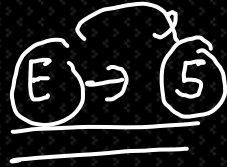
(d)

D E A R  
7 4 6 5

L I F E  
8 3 9 4

I D E A L  
3 7 4 6 8

Q24. If 'E' is coded as '5' and 'PEN' is coded as '35' then how will 'PAGE' be coded?



$$\underline{PEN \Rightarrow 35}$$

(a) 28

(b) 27

(c) 36

(d) 29 ✓

$$PEN \Rightarrow \underline{16} + \underline{5} + \underline{14} = 35$$

PAGE

PAGE

$$\underline{16 + 11 + 7 + 5} =$$

29

Q25. If DIG=41 and GOAD=55, then FACT=\_\_\_\_. यदि DIG=41 और GOAD=55, तो FACT=\_\_\_\_\_।

- (a) 45
- (b) 61
- (c) 53
- (d) 63

6+1+3+20

DIG = 41



D I G  
4 + 9 + 7 = 20 × 2 + 1 = 41

GOAD = 27 × 2 + 1 = 55  
7 + 15 + 1 + 4

Q26. If  $X=48$  and  $ACT=48$  then  $TALL = ?$  यदि  $X=48$  और  $ACT=48$  तो  $TALL = ?$

- (a) ~~28~~ 81  
(b) ~~27~~ 90  
(c) ~~36~~ 89  
(d) 29 92
- TALL

$$X = 48$$

$$(24) \times 2 = 48$$

$$ACT = 48$$

$$\frac{1+3+20}{\cdot} = 24 \times 2 = 48$$

TALL

$$\frac{20+11+2+11}{\cdot} = 45 \times 2 = (90)$$

Q27. If **CAB** is coded as **6** and **BED** is coded as **40**, then how will **HAD** be coded as? यदि **CAB** को **6** के रूप में और **BED** को **40** के रूप में कोडित किया जाता है, तो **HAD** को कैसे कोडित किया जाएगा?

- (a) ~~16~~ 16  
(b) ~~52~~ 52  
(c) ~~32~~ 32 ✓  
(d) ~~46~~ 46

$$\begin{array}{c} CAB \\ \hline \downarrow \downarrow \\ 3 \times 1 \times 2 = 6 \end{array}$$

$$\begin{array}{c} BED \\ \hline 2 \times 5 \times 4 = 40 \end{array}$$

$$\begin{array}{c} HAD \\ \hline \downarrow \\ 8 \times 2 \times 4 \\ \hline 32 \end{array}$$



Q29. In a certain code language, **SON** is written as **345** and **ROAM** is written as **6412**. How will **RANSOM** be written in the same language?

- (a) 615342 ✓
- (b) 651342
- (c) 615324
- (d) 612435

S O N  
| | |  
3 4 5

R O A M  
| | | |  
6 4 1 2

R A N S O M  
| | | | |  
6 1 5 3 4 2

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Q28. If DIG is coded as 25 and CUT is coded as 49, then how will KICK be coded as? यदि DIG को 25 के रूप में और CUT को 49 के रूप में कोडित किया जाता है, तो KICK को किस प्रकार कोडित किया जाएगा?

(a) 43

(b) 39

(c) 41

(d) 34

$$11 + 9 + 3 + 11$$

$$= \underline{\underline{39}}$$

$$+ 5$$

$$\underline{\underline{39}}$$

DIG

$$4 + 9 + 7$$

$$= \textcircled{20} + 5 = \textcircled{25}$$

CUT =

$$3 + 21 + 20$$

$$= 44 + 5 = \textcircled{49}$$

Q30. If FLOWER is coded as 14 and DISTASTE is coded as 18, then how will BUREAUCRAT be coded as?

//////////

$$10 \times 2 = (10 + 2)$$

FLOWER

$$6 \times 2 = (12) + 2$$

$$D I S T A S T E = 8 \times 2 = \underline{16 + 2}$$

$$\text{No of Letters} \times 2 + 2$$

- (a) 22 ✓
- (b) 18
- (c) 20
- (d) 28

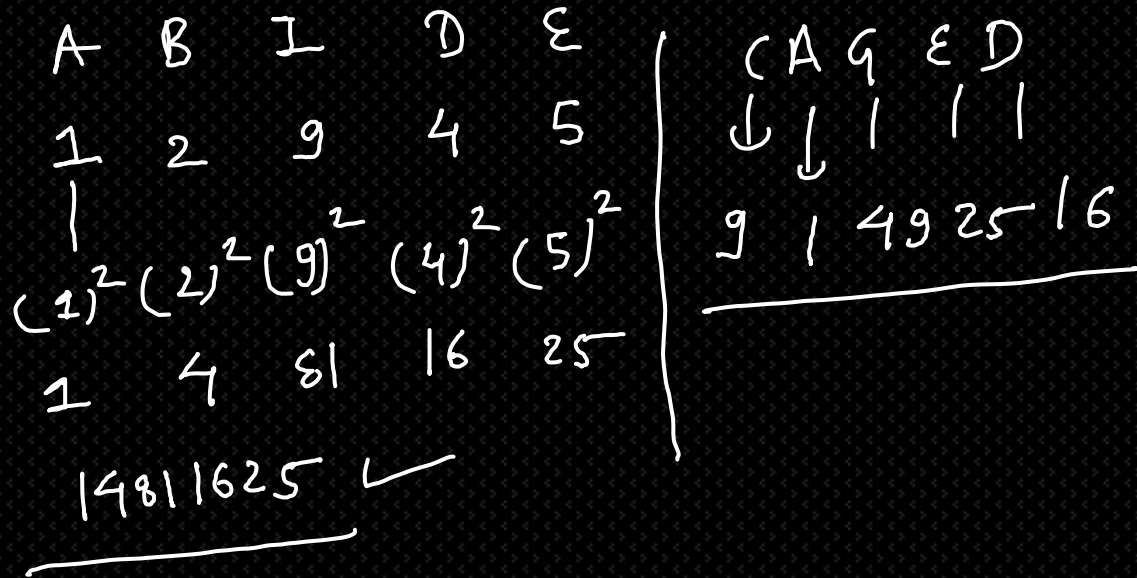
Q31. In a certain language **ABIDE** is written as **14811625**, then how will **CAGED** be written as in that language?

(a) 11493514

(b) 91416514

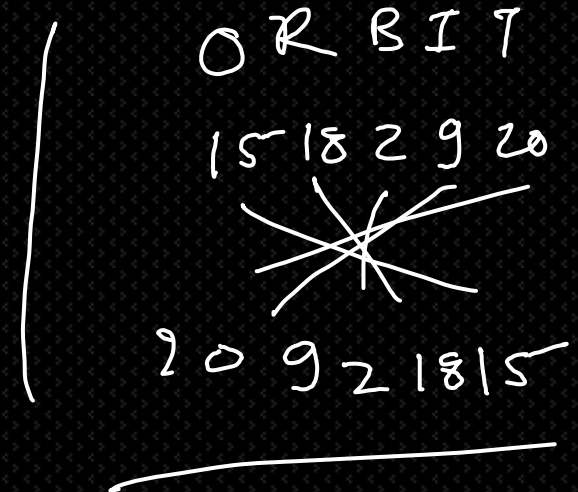
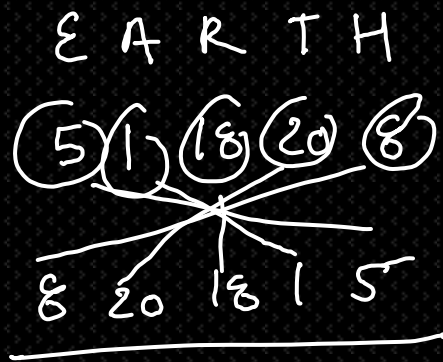
(c) 61492516

(d) 91492516



Q32. In a certain language 'EARTH' is coded as '8201815'. How will 'ORBIT' be coded in that language

- (a) 18172372
- (b) 20921815 ✓
- (c) 37681026
- (d) 17113912



Q33. In a certain code language, 'Wand' is coded as '240153' and 'curd' is coded as '420193'. How will 'East' be coded as in that language?

(a) 421821

(b) 602019 ✓

(c) 612120

(d) 421719

	W	A	N	D
	23	1	14	4
	24	0	15	3
	+1	-1	+1	-1

	E	A	S	T
	5	1	19	20
	+1	-1	+1	-1
	6	0	20	19



Q35. If **CAT** is coded as ~~3260~~<sup>3260</sup> and **MOD** is coded as **133012**, then how will **BIM** be coded as? **BIM**  $\Rightarrow$  1

- (a) 29130
- (b) 21839
- (c) 21893
- (d) 41938

<p><b>BIM</b></p> <p>2 9 13</p> <p><math>\times 1 \times 2 \times 3</math></p> <hr style="width: 50%; margin-left: 0;"/> <p>2 18 39</p>	<p><b>CAT</b></p> <p>3 2 <del>6</del> 0</p>	<p><b>MOD</b></p> <p>133012</p> <hr style="width: 100%;"/>
<p><b>A T</b></p> <p>3 1 20</p> <p><math>\times 1 \times 2 \times 3</math></p> <hr style="width: 50%; margin-left: 0;"/> <p>3 2 60</p>		<p><b>m o D</b></p> <p>13 15 4</p> <p><math>\times 1 \times 2 \times 3</math></p> <hr style="width: 100%;"/> <p>13 30 12</p>







