



*Mahendra's*



# SSC CGL/CPO/CHSL

## REASONING

# CODING DECODING

## ALPHABET TO NUMBER

## PART-4

**LIVE**

**07:30 PM**



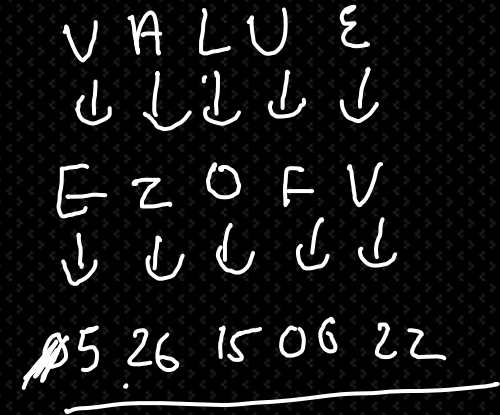
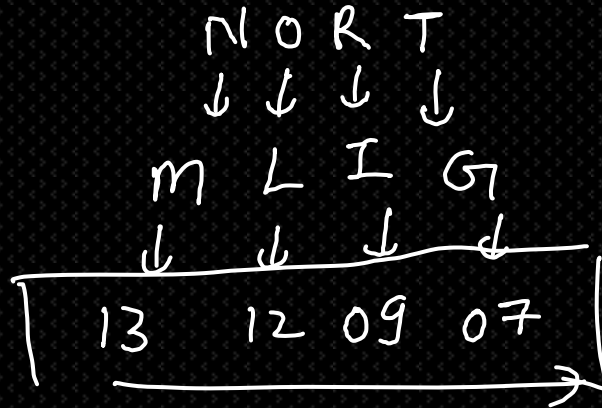
Q33. In a certain code language 'NORT' is coded as '13120907' and 'JUMP' is coded as '17061411'. Then how will 'VALUE' be coded in the same code language

(a) 526150622 ✓

(b) 521605226

(c) 526150623

(d) 526105622



Q33. In a certain code language 'NORT' is coded as '13120907' and 'JUMP' is coded as '17061411'. Then how will 'VALUE' be coded in the same code language

- (a) 526150622
- (b) 521605226
- (c) 526150623
- (d) 526105622



Q34. In a certain code language 'S J Y' is coded as '2718' and 'M L T' is coded as '75141'. Then how will 'Z Q C' be coded in the same code language

(a) 42101 ✗

S J Y  
↓ ↓ ↓

Z Q C  
↓ ↓ ↓

(b) 42011 ✓

H Q B

A J X

(c) 42110

8 17 2

1 10 24

(d) 40112

←

2 7 1 8

4 2 0 1 1

Q35. In a certain code language 'NRI' is coded as '5' and 'SJT' is coded as '29'. Then how will 'FAM' be coded in the same code language

- (a) 18
- (b) 19
- (c) 20
- (d) 21

$$\begin{array}{r}
 \text{NRI} \\
 14 \quad 18 \quad 9 \\
 \hline
 14 + 9 - 18 = 5 \\
 23 - 18 = 5
 \end{array}$$

$$\begin{array}{r}
 \text{NRI} \rightarrow 5 \\
 14 \quad 18 \quad 9 \\
 \hline
 14 + 18 + 9 = 41 \\
 41 - 5 = 36
 \end{array}$$

$$\begin{array}{r}
 \text{SJT} \\
 19 \quad 10 \quad 20 \\
 \hline
 39 - 10 = 29
 \end{array}$$

$$39 - 10 = 29$$

$$\begin{array}{r}
 \text{FAM} \\
 6 + 1 + 13 = 19 - 1 = 18
 \end{array}$$

$$\begin{array}{r}
 \text{SJT} \Rightarrow 29 \\
 19 + 10 + 20 = 49 \\
 49 - 20 = 29 \\
 \hline
 29
 \end{array}$$

Q36. In a certain code language 'JOT' is coded as '5' and 'SOX' is coded as '20'. Then how will 'RSD' be coded in the same code language

- (a) 3 ✓
- (b) 4 ✓
- (c) 5 ✓
- (d) 6 ✓

Handwritten solution showing the logic:

JOT ⇒ 5

SOX ⇒ 20

RSD ⇒ ?

Logic for JOT: J=10, O=15, T=20. Max=20. 45-5=40. 25-20=5.

Logic for SOX: S=19, O=15, X=24. Max=24. 58-20=38.

Logic for RSD: R=18, S=19, D=4. Max=19. 4-1=3.

Q37. In a certain code language 'ELP' is coded as '23', 'JOT' is coded as '15' and 'MSD' is coded as '36'. Then how will 'ZOE' be coded in the same code language

$(C+C) - \text{Vowel}$

- (a) 6
- (b) 7
- (c) 8
- (d) 26

(E) ELP  $\rightarrow$  23  
 5 12 16  $\rightarrow$  33

$12 + 16 - 5 = 23$

(O) JOT  $\rightarrow$  15  
 10 15 20  $\rightarrow$  45

$10 + 20 - 15 = 15$

MSD  $\rightarrow$  36  
 13 + 19 + 4  $\rightarrow$  36

ZOE  
 $\downarrow$   
 26 - 15 - 5  


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 $26 - 20 = 6$

ZOE  $\rightarrow$



Q38. In a certain code language 'GOD' is coded as '433' Then how will 'TAC' be coded in the same code language

- (a) 78
- (b) 72 ✓
- (c) 312
- (d) CAN'T

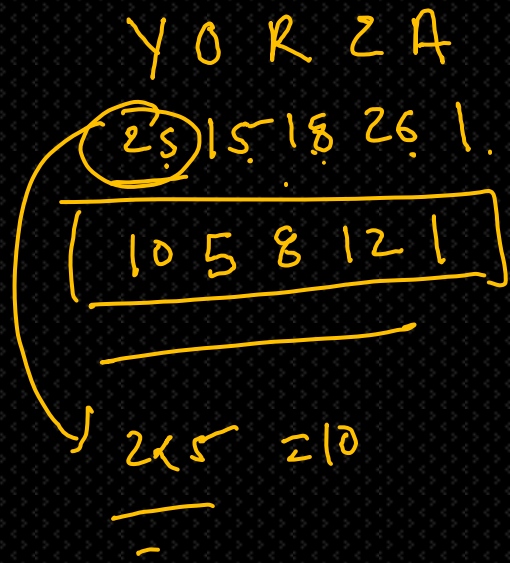
$$G O D = 433$$
$$7 + 15 + 4 = 26 \div 2 = 13$$
$$7 \times 15 \times 4 = 420$$
$$433$$

$$T A C$$
$$20 + 1 + 3 = \frac{24}{2} = 12$$
$$20 \times 1 \times 3 = 60$$
$$72$$



Q39. In a certain code language 'MORTA' is coded as '~~131518201~~' Then how will 'YORZA' be coded in the same code language

- (a) 5586102
- (b) 1058121
- (c) 1051281
- (d) 5568011

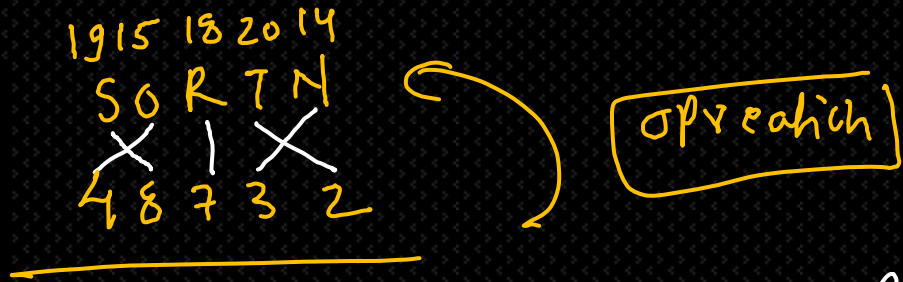


Q40. In a certain code language 'MORTA' is coded as '131518201'. Then how will 'YORZA' be coded in the same code language

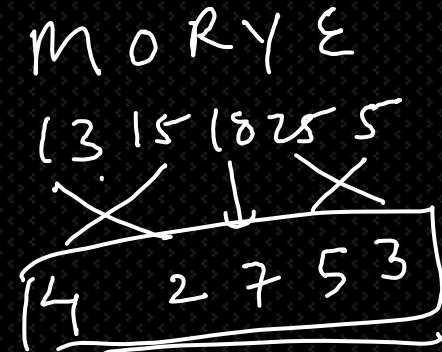
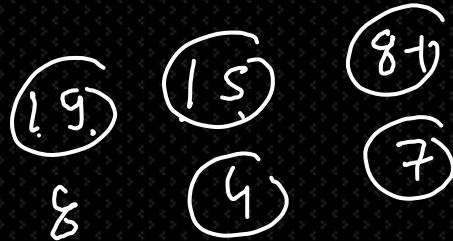
- (a) 78
- (b) 72
- (c) 312
- (d) CAN'T

Q41. In a certain code language 'SORTN' is coded as '48732'. Then how will 'MORYE' be coded in the same code language?

- (a) 24783
- (b) 27438
- (c) 24738
- (d) 23874

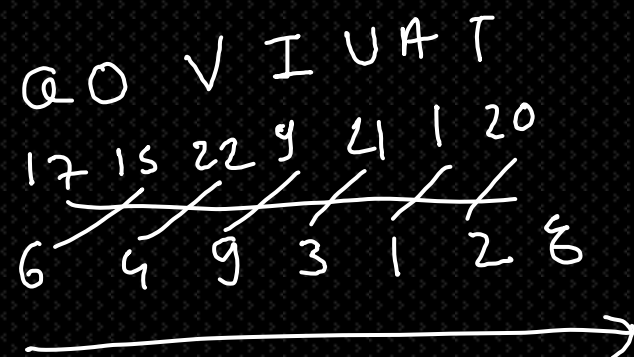


(19)  
 $19 - 1 = 18$



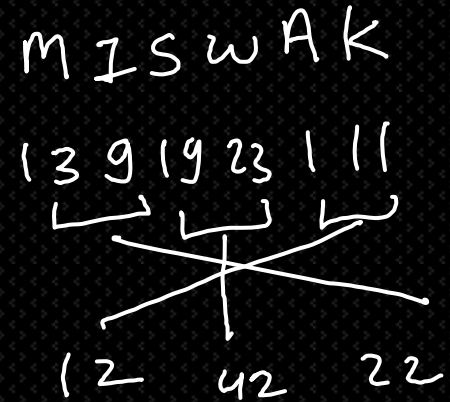
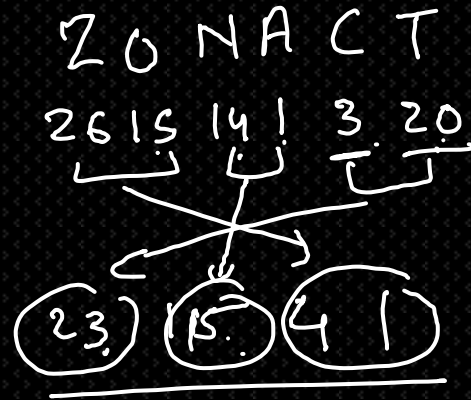
Q42. In a certain code language 'NOTRUM' is coded as '629345'. Then how will 'QVIUAT' be coded in the same code language ?

- (a) 6491328
- (b) 4693128
- (c) 6439281
- (d) 6493128



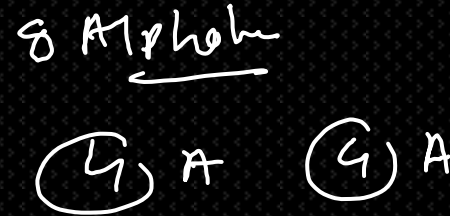
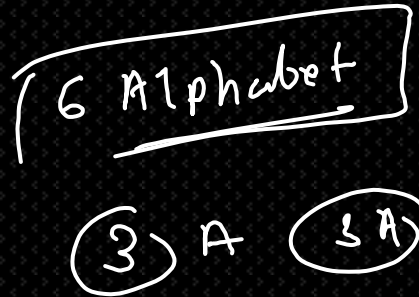
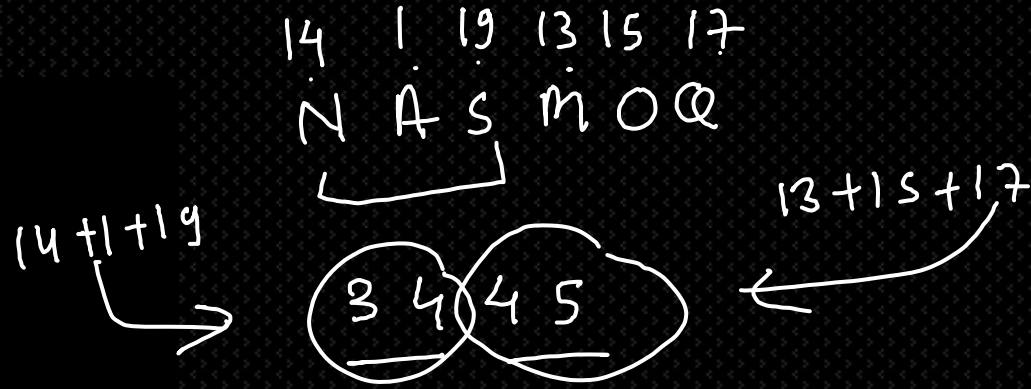
Q43. In a certain code language 'ZONACT' is coded as '231541'. Then how will 'MISWAK' be coded in the same code language ?

- (a) 124222
- (b) 122242
- (c) 214212
- (d) 212422



Q44. In a certain code language 'NASMOQ' is coded as '3445'. Then how will 'ZANTUR' be coded in the same code language ?

- (a) 1458
- (b) 4151
- (c) 4158
- (d) 4159



Q45. In a certain code language 'SILICONVALLYS' is coded as '196' and 'NOSTORDOG' is coded as '81'. Then how will 'ZAMUNAPARI' be coded in the same code language?

- (a) 121
- (b) 94
- (c) 81
- (d) 100

SILICONVALLYS

$$(14) = (14)^2 = 196$$

$$NOSTORDOG = (9)^2 = 81$$

$$(10)^2 = 100$$





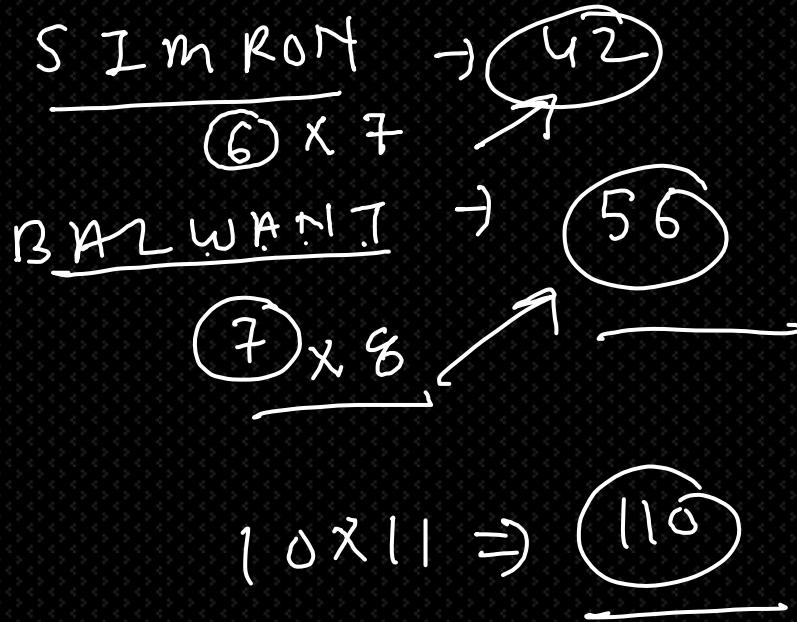
Q46. In a certain code language 'SIMRON' is coded as '42' and 'BALWANT' is coded as '56'. Then how will 'YUJUVENDRA' be coded in the same code language?

(a) 110

(b) 121

(c) 111

(d) 90



Q47. In a certain code language 'PRICE' is coded as '52' and 'NEYMARS' is coded as '94'. Then how will 'CONNECTION' be coded in the same code language?

(a) 1 ✓

(b) 2

(c) 3

(d) 4

$$(5) \text{ Letter} = 5^2 = 25$$

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52

$$(7) = (7)^2 = 49$$

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94

$$(10)^2 = 100$$

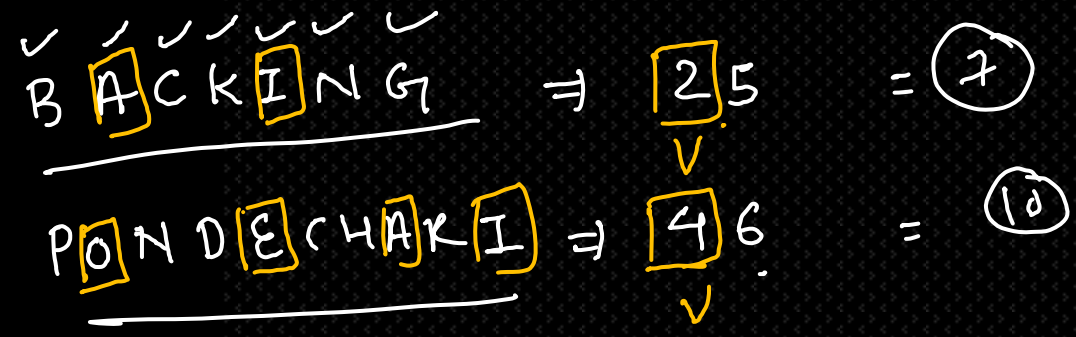
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Q48. In a certain code language 'BACKING' is coded as 25 and 'PONDECHARI' is coded as '46' Then how will

'NEZOOLUI' be coded in the same code language ?

- (a) 44 = 8
  - (b) 26 = 8
  - (c) 53 = 8
  - (d) 35 = 8
- (c)



Q49. In a certain code language 'BENQ' is coded as '42' and 'SOLMACS' is coded as '36'. Then how will 'NEZWAR' be coded in the same code language ?

HW.

- (a) 49
- (b) 84
- (c) 63
- (d) 54