



gradeup

Sahi Prep Hai Toh Life Set Hai

Coding-Decoding

Part 2

Practice

Polis

JAIPUR = (-6)
 DELHI = (-5)
 GOA = (-4)

Q. If DELHI = 33

$$4^4 + 5^4 + 1^2 + 2^8 + 9 = 38 \quad (-5) \checkmark$$

$$10 + 19 + 16 + 24 + 18 = 75 \quad (-6) \checkmark$$

JAIPUR = 69

So, GOA = ?

A. 23

B. 26

C. 20

D. None of these

$$\begin{array}{r}
 7 + 15 + 1 = 23 \\
 - 3 \\
 \hline
 20
 \end{array}$$

No. of letters

A - 27

Q. In a code language, PROXIMITY is written as ZQTRKAVKO. How will ILLOGICAL be written as in that language?

एक कूट भाषा में, PROXIMITY को ZQTRKAVKO के रूप में लिखा जाता है। तो उसी कूट भाषा में ILLOGICAL को कैसे लिखा जाएगा?

A. QNNLINBEL

B. QMMKIMCEK

☒ C. QNNKINCEK

D. RNNLINCEK

9 12 12 15 | 7 | 9 3 1 12
 17 14 14 11 | 9 | 14 3 5 11
 Q N N K I N C E K

+2 +2 +2 +2 +2 +2 +2
 16 18 15 24 9 13 9 20 25
 26 17 20 18 11 1 22 11 15
 27



ANS. C

Q. In a code language, PROMOTE is written as QTROGVQ. How will LICENSE be written as in that language?

एक कूट भाषा में, PROMOTE को QTROGVQ के रूप में लिखा जाता है। तो उसी कूट भाषा में LICENSE को कैसे लिखा जाएगा?

- A. EKNGPUG
- B. EKNGGUP
- C. EKMHHUP
- D. NKEGGUP



ANS. B

Q. In a code language. DRIVING is written as LTEZNTN. How will LICENSE be written as in that language?

एक कूट भाषा में DRIVING को LTEZNTN के रूप में लिखा जाता है। तो उसी कूट भाषा में LICENSE को कैसे लिखा जाएगा?

☒ A. FKMILYS

☐ B. FBYILYS

☐ C. FKTREYS

☒ D. BVMILYS

Handwritten solution for the first part:

DRIVING → LTEZNTN

Letter positions: D(4), R(18), I(9), V(22), I(9), N(14), G(7)

Shifts: +1, +2, +3, +4, +5, +6, +7

Resulting letters: L(12), T(20), E(5), Z(26), N(14), T(20), N(14)

Handwritten word: FKMILYS

Handwritten solution for the second part:

LICENSE

Letter positions: L(12), I(9), C(3), E(5), N(14), S(19), E(5)

Shifts: +1, +2, +3, +4, +5, +6, +7

Resulting letters: F(6), K(11), M(13), I(9), L(12), Y(25), S(19)

Handwritten word: FKMILYS



ANS. A

$$4 \times 15 \times 7 = 420$$

$$3 \times 15 \times 23$$

$$\begin{array}{r} 45 \\ 23 \\ \hline 1035 \end{array}$$

Q. If DOG is coded as 420 and COW is coded as 1035, then how will CAT be coded as

यदि DOG को 420 के रूप में कूटबद्ध किया जाता है तथा COW को 1035 के रूप में कूटबद्ध किया जाता है, तो CAT को कैसे कूटबद्ध किया जाएगा?

A. 180

B. 160

☒ C. 80

☒ D. 60

$$3 \times 1 \times 20 = 60$$



ANS. D

Vowel - 3

Q. In a code language, CONVEYER is written as FLQYBBBU. How will PERSONAL be written as in that language?

एक कूट भाषा में, CONVEYER को FLQYBBBU के रूप में लिखा जाता है। तो उसी कूट भाषा में PERSONAL को कैसे लिखा जाएगा?

- A. SBUVLQXO
- B. SBOULQXO
- C. SBUVLQDO
- D. RAUVMQYO

Handwritten solution for PERSONAL:

P	E	R	S	O	N	A	L
16	5	18	19	15	14	1	12
+3	-3	+3	+3	-3	+3	-3	+3
19	2	21	22	12	17	24	15
S	B	U	V	L	Q	X	O

Handwritten solution for CONVEYER:

C	O	N	V	E	Y	E	R
3	15	14	22	5	25	5	18
+3	-3	+3	+3	-3	+3	-3	+3
6	12	17	25	2	28	2	21



ANS. A

6-1 →

8-1 →

Q. If DRIVER is coded as 5 and BELIEVED is coded as 7. Then what will be the code of EXAMINATION? $11-1=10$

यदि DRIVER को 5 और BELIEVED को 7 कोडित किया जाता है तो EXAMINATION का कोड क्या होगा?

(A) 9

(B) 10

(C) 11

(D) 8

A. C

B. D

C. B

D. A



ANS. C

Q. If DRIVER Is coded as 5 and BELIEVED is coded as 7 . Then what will be the code of EXAMINATION?

यदि DRIVER को 5 और BELIEVED को 7 कोडित किया जाता है तो EXAMINATION का कोड क्या होगा?

(A) 9 (B) 10

(C) 11 (D) 8

A. C B. D

C. B D. A



ANS. C

$$8^{++}5^{++}1^{++}4^{++} = 18 \times 2 + 1$$

$$2^{++}1^{++}1^{++}1^{++}1^{++} = 28 \times 2 + 1$$

Q. If HEAD is coded as 37 and BANK is coded as 57, then how will KITE be coded as?

यदि HEAD को 37 के रूप में कूटबद्ध किया गया है और BANK को 57 के रूप में कूटबद्ध किया गया है, तो KITE को किस प्रकार कूटबद्ध किया जाएगा?

A. 87

$$11 + 9 + 20 + 5 = 45 \times 2 + 1 = 91$$

B. 91

C. 69

D. 76



ANS. B

$$6 \times 3 \rightarrow$$

$$9 \times 3 \rightarrow$$

$$3 \times 3 = 9$$

Q. If RABBIT = 18, AEROPLANE = 27, then CUP will be written as?
यदि RABBIT = 18, AEROPANE = 27 है, तो CUP को किस प्रकार लिखा जाएगा?

A. 6

B. 8

☒ C. 9

D. 2



ANS. C

$$3^+ 1^+ 8^+ 5^+ 1^+ 8^+ 5 = 59 = 5+9 = 14 = 1+4 = \underline{5}$$

Q. In a certain code language, "CRORE" is written as "5" and "LAKH" is written as "5". How is "RUPEE" written in that code language?

एक निश्चित कूट भाषा में, "CRORE" को "5" के रूप में तथा "LAKH" को "5" के रूप में लिखा जाता है। तो उस कूट भाषा में "RUPEE" को कैसे लिखा जाएगा?

A. 7

B. 9

C. 1

D. 2

$$1^+ 8^+ 2^+ 1^+ 6^+ 5^+ 5 = 28$$

$$28 = 2+8 = 10 = 1+0 = \underline{1}$$

$$32 = 3+2 = 5$$



ANS. D

$$3 \times 1 \times 2 = 6$$

$$3 + 1 + 2 = 6$$

$$12 \times 5 \times 7$$
$$4 + 2 + 0 = 6$$

Q. In a certain code language, "CAB" is written as "6" and "LEG" is written as "6". How is "MAP" written in that code language?

$$12 + 5 + 7 = 24$$

(6)

एक विशिष्ट कोड भाषा में, "CAB" को "6" लिखा जाता है तथा "LEG" को "6" लिखा जाता है। इस कोड भाषा में "MAP" को किस प्रकार लिखा जाएगा?

A. 6

$$13 + 1 + 6 = 20 = 2 + 0 = 2$$

B. 4

C. 3

$$13 \times 1 \times 6 = 78$$
$$208 = 2 + 8 = 10 = 1 + 0 = 1$$

(1)

D. 8



ANS. C

+2+2+2+2
1 5 10 16

Q. If AEJP- CGLR then CG^L__ - E^I__?
Find the blanks?

4 5 6 3 7 12 18

3 7 12
4 5

यदि AEJP- CGLR तो CG__ - E__?

रिक्त स्थान में आने वाले शब्दों का पता लगाएं?

- A. AR-IPT
- B. CE-SWT
- C. DP-PQR
- ☒ D. LR-INT

C 6 L R
3 7 12 18
+4 +5 +6

AEJP - CGLR
1 5 10 16
+4 +5 +6



ANS. D

~~FRAME~~

Q. In a particular code system 'FRESH' is written as 'MKXPC' and 'LIME' is written as 'AQRX' and 'ACID' is written as 'GYQW'. How is 'FRAME' written in that code system?

एक विशेष कोड प्रणाली में 'FRESH' को 'MKXPC' के रूप में लिखा गया है तथा 'LIME' को 'AQRX' के रूप में लिखा गया है तथा 'ACID' को 'GYQW' के रूप में लिखा गया है। इस कोड प्रणाली में 'FRAME' को कैसे लिखा जाएगा?

A. MYNCX

☒ B. MKGRX

C. MKGCA

D. MAXPW

$F = M$
 $R = K$



ANS. B

$$103 \rightarrow 1133$$

$$\begin{array}{r} 103 \\ \times 11 \\ \hline 1033 \end{array}$$

$$\begin{array}{ccccccccc} & + & + & + & + & + & + & + & \\ 2 & 3 & 9 & 1 & 2 & 4 & 8 & 1 & 5 & 1 & 8 & 1 & 4 & = & 103 \times 11 \end{array}$$

Q. In a certain code language, "WILDHORN" is written as "1133" and "RAPTURE" is written as "1089". How is "PORTLOUIS" written in that code language?

$$\begin{array}{ccccccc} 1 & 8 & 1 & 1 & 6 & 2 & 2 & 1 & 8 & 5 \\ + & + & + & + & + & + & + & + & + & + \\ 1 & 0 & 8 & 9 & & & & & & \end{array}$$

$$99 \times 11$$

$$\begin{array}{ccccccccccc} 1 & 6 & 1 & 5 & 1 & 8 & 2 & 0 & 1 & 2 & 1 & 5 & 2 & 1 & 9 & 1 & 9 \\ + & + & + & + & + & + & + & + & + & + & + & + & + & + & + & + \\ & & & & & & & & & & & & & & & & \end{array}$$

$$145 \times 11$$

एक विशिष्ट कोड भाषा में, "WILDHORN" को "1133" तथा "RAPTURE" को "1089" लिखा जाता है। इस कोड भाषा में "PORTLOUIS" को किस प्रकार लिखा जाएगा?

A. 1395

B. 1485

C. 1584

D. 1595

$$1595$$



ANS. D

+1 -1 +1 -1 +1 -1 +1
18 5 22 5 14 21 5

Q. In some code language REVENUE is coded as 19-4-23-4-15-20-6, and then what is the code for SCHEME in the same code language?

किसी कूट भाषा में यदि REVENUE को 19-4-23-4-15-20-6 के रूप में कूटबद्ध किया जाता है, तो उसी कूट भाषा में SCHEME का कूट क्या होगा?

A. 18-3-9-4-15-4

☒ **B. 20-2-9-4-14-4**

C. 21-2-7-4-17-2

D. 20-2-9-5-14-6

20-2-9-4-14-4



ANS. B

$$\begin{array}{r} 9614 \\ + 181514 \\ \hline \end{array}$$

Q. If ROAD = 9614

So, TRIP = ?

A. 2018916

$$\begin{array}{r} 2018916 \\ + 181514 \\ \hline \end{array}$$

☒ B. 2997

$$\begin{array}{r} 2997 \\ \hline \end{array}$$

C. 2191

D. None of these

$\begin{matrix} + & + \\ 15 & 2642229 \\ 02DBVI \end{matrix}$

684249

Q. If LAWYER = 684249

So, NURSE = ?

A. ~~46984~~ $\begin{matrix} MFIHV \end{matrix}$

B. 12914 $\begin{matrix} 1369822 \\ = \end{matrix} \underline{46984}$

C. 48964

D. None of these

Q. If $\overset{25+2}{Y\ B} = 27$
 \checkmark GOT = 39

So, BAT = ?

A. 58

B. 23

C. 219

D. None of these

UF BY LOVE

MN SHIRTL

GOT

TLG

$$20 + 12 + 7 = 39$$

PK

AZ CA DW

JQ.

BAT
 Y Z G
 $25 + 26 + 7 = 58$

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topic-wise quizzes

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live classes



① SHIP = 104 , BRIDE = ?
 $1+9+8+9+16 = 52 \times 2 = 104$ $2+18+9+4+5 = 38 \times 2 = 76$

② BEST = 02915020 , MOUSE = ? 5091125131
 0205 1920  13 15 24 19 05

③ FOX = 108 , SOUP = 148 so, UPSIDE = ?
 W I L E M $21+12+3 = 36 \times 3$ H L F K $8+12+6+11 = 37 \times 4$ F K H R W V $6+11+8+18+23+22 = 88 \times 6 = 528$

④ SHIVA = 32 , PARVATI = 33 so, SAUMYA = ?
 19 8 9 22 1 $1+9+8+9+2+2+1$ 16 1 18 22 9 20 9 $1+6+1+1+8+2+2+9+2+0+9$ 19 1 2 13 25 1 $1+9+1+2+13+25+1$ (26)

⑤ MODNH = 1344147 so, MARI GOLD = ? 13118374124
 13 15 15 14 7 $1+3+1+5+1+5+1+4+7$ A E I O U $5+4+3+2+1$
 V D W X Y A E I O U $1+2+3+4+5$