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Class-8 ✓

Coding-Decodin-01



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5-6 Qs

TYPE-3

- (1) Letter Series ✓ → 07 Pattern ✓
- (2) Number Series
- (3) Mixed Series



Coding-Decoding-01



Q1. $+1$ $+1$ $+1$ $+1$
H E A D
I F B E

✓ 12 9 15 14
L I O N
- - - -
3 J P O ✓

① Forward Pattern

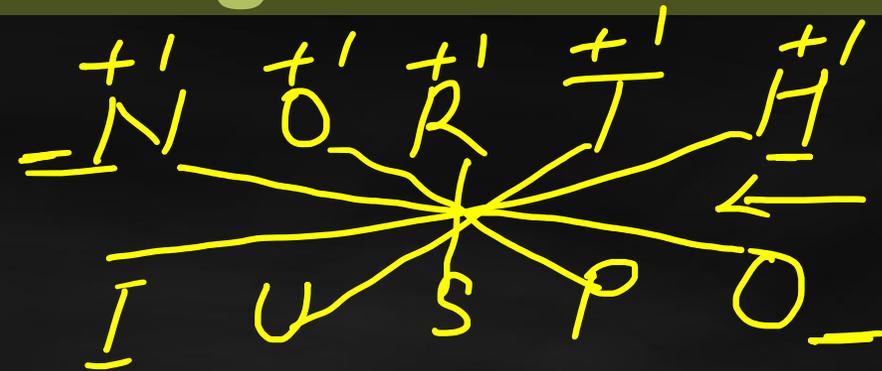
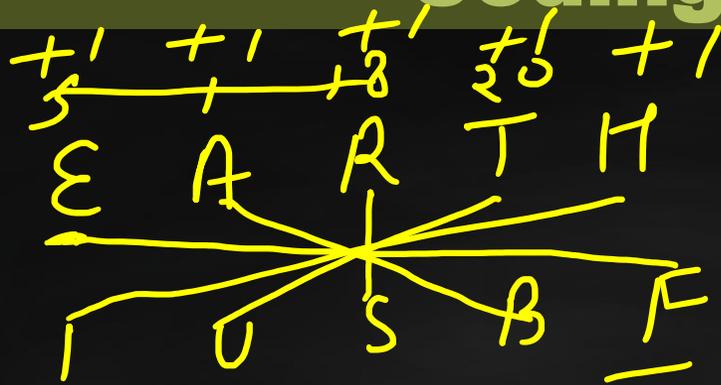
Logical Sequence - $+1 +2 +3$
 $-1 -2 -3$
 $+1 +2 +1$
 $+2 +2 +2$
 $-2 -2 -2$



Coding-Decoding-01



Q2



2. Reverse Pattern



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Logical Sequence

$$\Rightarrow -2 + 3 - 2 + 3 - 2 + 3 \checkmark$$

$$\Rightarrow +1 + 3 + 5 + 7 \text{ (odd)}$$

$$\Rightarrow +2 + 4 + 6 + 8 \text{ (Even)}$$

$$\Rightarrow +2 - 3 + 5 - 7 + 11 \text{ (prime number)}$$

$$\Rightarrow +2 + 2 - 3 + 2 - 3 \checkmark$$

Q3:

$\begin{matrix} -2 & -2 & +2 & -2 & -2 \\ B & L & A & C & K \\ \hline & & C & A & I \end{matrix}$

con = -2
vow = +2

$$\Rightarrow +3 + 5 + 7 + 9 \checkmark$$

$$\Rightarrow -3 - 4 + 7 - 9 + 13 \times$$

Coding-Decoding-01



Q4.

+2	+2	+2	+2	+2
S	A	R	T	H
E	A	R	T	H
+4				
S	C	U	V	J
7	3	21	22	16

20	1	2	12	5
T	A	B	L	E
V	C	D	N	S

FP

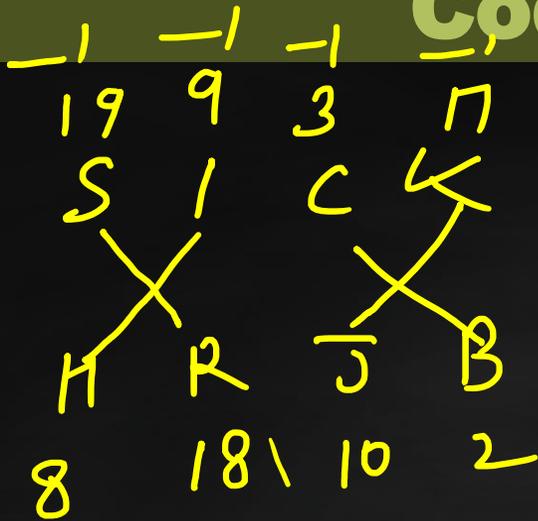
Q5.
 FPX
 RPV

+1	+1	+1	+1	+1
T	I	S	E	R
S	F	H	J	U
20	9			

+1	+1	+1	+1	+1
A	U	D	I	O
P	J	B	V	B
1	21	4	9	15

RP

Q6

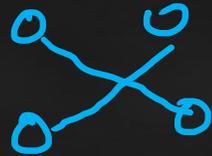
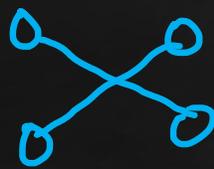


← Cross pattern
3

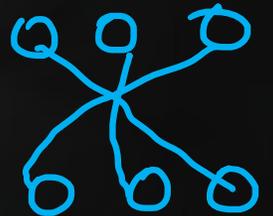
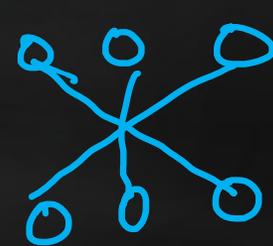
FPX
RPX
CPV

Cross pattern - 3

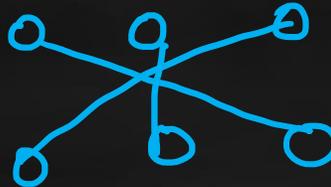
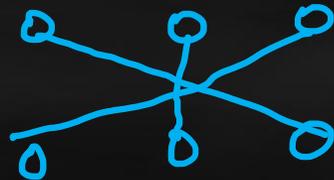
#



4



#



Coding-Decoding-01



Q7

+3	-3	+3	-3	+3	-3
16	15	20	8	5	18
M	O	T	H	E	R

P	L	W	E	H	O
16	12	23	5	8	15

(FP)

+2	-3	+2	-3	+2	-3	+2
3	15	16	20	1	9	14
C	A	P	T	A	I	N
5	24	18	17	3	6	16
S	X	R	Q	C	F	P

Q8

18	15	3	11	5	20
R	O	C	K	E	T
+3	+3	+3	+3	+3	-3

21	12	6	8	8	17
U	L	F	H	H	Q

+2	-3	+2	-3	+2	-3	+2
10	15	21	18	14	5	25
J	O	U	R	N	E	Y
L	L	W	O	P	B	A



Coding-Decoding-01



Q9

+2	-2	+2	-2	+2	-2
16	5	14	3	9	12
P	E	N	C	L	
18	3	16	17	10	
R	C	P	A	K	J

+2	-2	+2	-2	+2	-2
7	1	18	4	5	14
S	A	R	D	E	N
I	Y	T	B	S	L

10

+2	+2	+2	+2
11	9	20	5
K	I	T	E
L	K	M	G
X	X		

~~0 0 0 0~~

+2	+2	+2	+2
J	U	M	P
O	W	L	R



Coding-Decoding-01



11

+3	+3	+2	+2	+1	+1
3	1	13	5	18	1
C	A	M	E	R	A
X		X		X	
D	F	G	O	B	S
4	6	7	15	2	19

+3	+3	+2	+2	+1	+1
19	9	12	22	5	18
S	I	L	V	E	R
X		X		X	
L	N	X	N	S	F

L V X N S F

FPX
RPX
CP ✓

Coding-Decoding-01



12

+1	+2	+3	+4	+5
15	14	9	15	14
O	N	I	O	N
16	16	12	19	19
P	P	L	S	S

+1	+2	+3	+4	+5
20	1	2	12	5
T	A	B	L	E
U	C	E	P	J

FPV

Coding-Decoding-01

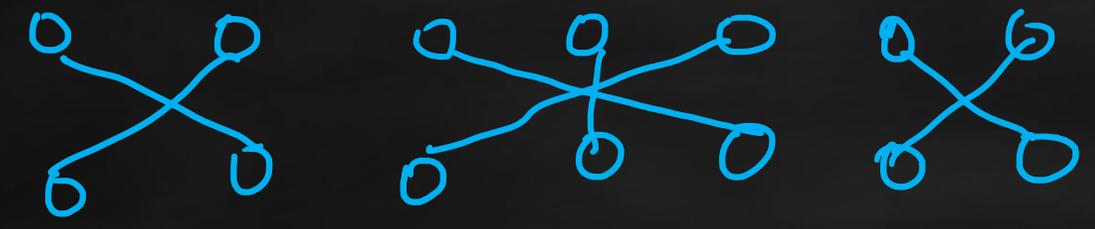


13

+2 +2
15 18
Q R
T S

-2 -2 -2 +2 +2
7 1 14 9 3
S A N I C
L Y E E K

+2 +2 -2 -2 -2 +2 +2
V I C T O R Y
K X M R A A T



K X M R A A T

Cross pattern

Coding-Decoding-01



14

+7	+8	+9	+8	+7	+8	+9
9	14	4	9	1	14	9
I	N	D	I	A	N	
16	22	13	16	9	2	3
P	V	M	P	I	W	

+7	+8	+9	+7	+8	+9
14	12	22	5	18	
S	L	V	E	R	
26	17	21	29	13	27
Z	Q	U	C	M	A

FPV +7 +8 +9 / +7 +8 +9

RP

CR

29 = 26 + 3

→ ABE



Coding-Decoding-01



(15)

	+10	+9	+8	+7	+6	+5
9	14	4	9	1	14	
1	N	D	1	A	N	
19	23	12	16	7	19	
S	W	L	P	S	S	

W	1	S	D	O	M
23	9	19	4	15	13
+10	+9	+8	+7	+6	+5
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
33	18	27	11	21	18
<hr/>					
S	R	A	K	U	R



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16

Letter Coding - 7 Patterns

- ① Forward pattern
 - ② Reverse pattern
 - ③ Cross pattern
 - ④ Position pattern
- ③
- ④



TYPE-3 A. Position pattern

① Letter series ⊕ Pattern

(1) Forward Pattern

(2) Reverse Pattern

⊗ Cross Pattern



4. Position Pattern

Letter की ऐसी को

one letter change \rightarrow only place change

YMD

DISPLAY

YALPSID

FANTASY

YSATNAK

Q16.

Coding-Decoding-01



Q17

C O N F I D E N T I A L

↙ D I ~~F~~ N O C | L A I T N E

⇒ D I S T R I | B U T I O N
I R T S I D | N O I T U B ↘

18

HOSPITAL
~~H~~OSPITAL
OH PSTI ~~L~~A

P O L I T C S
OPILITSC ↓

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10

T O M O R R O W
O T O M R R W O



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19

B R E A K T H R O U G H
1 2 3 4 5 6

✓

E A O U H R B R G H K T
2 5 4 1 6 3

D I S C O N N E C T E D
1 2 3 4 5 6

S C C T N E D I E D O N ✓

Coding-Decoding-01



20 ✓ 16 8 25 19 9 (3) 19
PHYSICS

✓ C H I P S S Y

Alphabetical order →
H I O R S T Y

8 9 19 20 15 18 25
HISTORY

- (a) H I O R S T Y ✓
- (b) H I O S R Y T
- (c) H I O S R T Y
- (d) H I O R S Y T



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(21)

	C	R	P	F
27	X	1	K	U

(X X)

Forward X

Reverse X

Cross X

Position X

118 (R) A I L
 27-18 1 2 R O U
 29 (S)

s. opposite letter
pattern

27 - C

C X → (27) ✓



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Coding-Decoding-01



Q22

CITY
XRSB

Home work

ITB P ✓

(7) - OP

$$27 - 20 = 7(S)$$

(TS)
UT



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opposite letter

A - Z (A m a z i n g)

B Y - B y e - B y e

C X - S i x (C o r t e x)

D W - D e w

E V - E v e n i n g / E x p e n s e

FU → F O U L

ST → ST Road

HS - High School

IR - Indian Railway

JD - Jordan Qatar

KP - Keep/ P K movie



LO - LOW

MI - MUZZ

एक opposite letter का
value 27 एक ए



Coding-Decoding-01



Q23

15 12 9 22 5
O L I V E
↪ V E R O L
22 5 18 15 12

C H A I R
I R Z S X V

opposite → reverse



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Q) 24 Find odd one out

(a) RI (b) ST ~~US~~ BX (d) EV



Q 25:

कम आगे

6. Common Coding Pattern

F	O	R	E	S	T
↓	↓	↓	↓	↓	↓
X	W	V	U	T	S

F	O	S	T	E	R
X	W	R	P	Z	L

फिरके नीचे जो है वही आगे
Coding है

26

B S F
@ # %

C R P F
* = + %

I T B P
B X @ +

C I S F

* B # % ✓



Q2
7.
S E W
S O U T H
E

Illogical Pattern

T S A E : T S E W :: H T R O N :
E A S T W E S T N O R T H

S O U T H → H T U O S L

(18)

YAREL : TELA :: DCLO : FOH
EARLY : LATE Cold HOT

(a) DLHE (b) HTOC PHOTO
✓ (c) FSHI

Coding-Decoding-01



(29)

1 2 3 4 5 6 7 8 9 10
O T T F F S S E H ?
one two three four five six seven eight nine ten

T E H = 12



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30

1, V, X, ^L?, ?, P, M
1, 5, 10, 50, 100, 500, 1000
L, C, T



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31

19 9 19 20 5 18
S I S T E R
J I J B E I
10 9 10 2 5 9

BROTHER
⇒ BIFBI EI

Home work

Q 33

T E A C H E R
C A S C J P V

B R O U G H T

H.W

Letter Series (7)

- 1. Position P.
 - 2. opposite letter P.
 - 3. Common P.
- इस बात Apply
10 Sec

- 4. Forward P.
 - 5. Reverse P.
 - 6. cross P.
- इस बात Apply
15 Sec

(7) Logical pattern = ~~(7)~~ ✓

① Letter series ✓

② Number series

③ Mixed series



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