MATRIX CODING

Q1 A word is represented by only one set of number as given in any one of the alternatives. The set of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows Matrix - I are numbered from 0 to 4 and that of Matrix - II are numbered from 5 to 9. A letter from these metrics is to be represented first by its row and then by its column, e.g 'P' can be represented by 11, 00, 23 etc and 'L' 56, 69, 77 etc.

Matrix- I

	0	1	2	3	4
0	P	B	I	T	N
1	N	P	B	I	T
2	I	T	N	P	B
3	T	N	P	B	I
4	B	I	T	N	P

Matrix-II

	5	6	7	8	9
5	R	L	D	O	E
6	D	O	E	R	L
7	E	R	L	D	O
8	L	D	O	E	R
9	O	E	R	L	D

What is the code of "REPORT"?

(A) 68, 75, 23, 79, 76, 13

(B) 68, 75, 23, 79, 86, 03

(C) 68, 75, 23, 79, 76, 03

(D) 68, 75, 13, 79, 76, 13

Q2 If in a certain code, COATED is written as X41G2W, then how will ORIENTAL be written in that code?

(A) 1432MGZO

(B) 4I32MG1O

(C) 4I32NGZP

(D) 1432NGZP

Q3 In a certain code language, 'GUM' is coded as '49441169'. How will 'WAX be coded as in that language?

(A) 5291576

(B) 2891400

(C) 3611121

(D) 8412525

MATRIX CODING

Q4 In the following question, a word is represented by only one set of number as given in any one of the alternative. The set of number given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows Matrix - I are numbered from 0 to 4 and that of Matrix - II are numbered from 5 to 9. A letter from these matrixes is to be represented first by its row and then by its column, e.g. 'J' can be represented by 00, 13 etc. and 'N' 58, 76, etc.

MATRIX –I MATRIX –II

	0	1	2	3	4
0	J	U	G	R	Z
1	G	R	Z	J	U
2	Z	J	U	G	R
3	U	G	R	Z	J
4	R	Z	J	U	G

	5	6	7	8	9
5	E	M	D	N	O
6	D	E	O	M	N
7	O	N	E	D	M
8	N	O	M	E	D
9	M	D	N	O	E

What is the code of JUDGE?

(A) 13, 31, 96, 10, 88

(B) 00, 30, 56, 31, 99

(C) 42, 43, 65, 21, 55

(D) 34, 01, 89, 23, 66

Q5 In the following question, a word is represented by only one set of number as given in any one of the alternatives. The set of the numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows Matrix-I are numbered from 0 to 4 and that of Matrix-II are numbered from 5

to 9. A letter from these matrices is to be represented first by its row and then by its column, e.g 'N' can be represented by 11, 23, 30, 42 etc and 'T' can be represented by 66, 78, 85, 97 etc.

Matrix – I Matrix - II

MATRIX CODING

	0	1	2	3	4
0	D	E	F	I	N
1	I	N	D	E	F
2	E	F	I	N	D
3	N	D	E	F	I
4	F	I	N	D	E

	5	6	7	8	9
5	O	P	R	S	T
6	S	T	O	P	R
7	P	R	S	T	O
8	T	O	P	R	S
9	R	S	T	O	P

What is the code of 'POSE'?

(A) 87, 55, 89, 43

(B) 68, 98, 58, 21

(C) 75, 86, 67 , 14

(D) 56, 67, 77 , 01

Q6 Study the following information and answer the question given below it.

'pit na sam' means 'bring me water', 'na jo tod' means 'water is life'. 'tub od pit' means 'give me toy'. 'jo lin tub' means 'life and toy'. Which of the following word represents 'is' in that language?

(A) jo

(B) na

(C) tod

(D) lin

Q7 A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matrix-I are numbered from 0 to 4 and that Matrix-II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, for example, 'Y' can be represented by 00, 22, etc., and 'U' can be represented by 42, 59, etc. Similarly, you have to identify the set for the word "PARK".

Matrix-I Matrix-II

MATRIX CODING

	0	1	2	3	4
0	Y	I	K	W	X
1	G	J	N	H	V
2	E	O	Y	K	T
3	M	G	W	L	R
4	A	E	U	N	K

	5	6	7	8	9
5	N	I	X	P	U
6	K	V	O	T	S
7	L	P	R	A	D
8	O	H	J	L	N
9	P	J	Q	V	X

(A) 58, 40, 86, 34

(B) 76, 55, 89, 23

(C) 23, 78, 34, 02

(D) 95, 40, 77, 65

Q8 A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., O can be represented by 01, 20, etc., and 'F' can be represented by 85, 99, etc. Similarly you have to identify the number set for the words 'BEAR'?

Matrix-I

	0	1	2	3	4
0	G	O	A	H	R
1	A	R	H	G	O
2	O	G	C	R	A
3	R	A	G	O	H
4	H	C	R	A	G

Matrix-II

	5	6	7	8	9
5	M	E	N	L	B
6	E	B	L	N	M
7	L	N	M	B	E
8	F	M	B	E	L
9	B	L	E	M	F

(A) 95, 88, 03, 23

(B) 66, 79, 69. 42

(C) 78, 56, 10, 30

(D) 59, 56, 02, 14

Q9 If G is written as FH and PEN is written as OQDFMO then how will VIEW be written-

(A) UWHJVFDX

(B) UWJHDFVX

(C) UWHJDFVX

MATRIX CODING

(D) UWJHDVFX

Q10 If green is called blue, blue is called yellow, yellow is called pink and pink is called black then what is the colour of darkness?

(A) Blue

(B) Yellow

(C) Black

(D) Cannot be determined

Q11 If in a certain code language, 'RAW' is written as 'TIN', 'NET is written as 'SHG', how will ‘WATER' be written in that code?

(A) GHTIN

(B) TINGH

(C) NIGHT

(D) NIGTH

Q12 If in a certain code, HORSE is written as GINPQSRTDF then how will JOCKEY be written in that language?

(A) IKNPBDJLDFXZ

(B) IKNPDBJLFDZX

(C) KINPBDJLDFZX

(D) KIPNBDJLDFXZ

Q13 If SMOKE is coded as 81643 and PRANK is coded as 72954, how would you code ROSE?

(A) 2682

(B) 3276

(C) 9238

(D) 2683

Q14 In a certain code language 'JOURNALIST' is written as 'TUMJOBVSKP'. How is 'MAHENDRA' written in that code?

(A) BTSBOEIFN

MATRIX CODING

(B) SBOEIFNB

(C) BTSOEIFN

(D) STBOEIFNB

Q15 In a certain code language 'RAMESH' is written as 37, then how is 'MOHINI' is written in same code language?

(A) 40

(B) 41

(C) 42

(D) 43

Q16 In a certain code language 'SMART' is written as 'QKCPR'. How will SCOPE be written in that code language?

(A) QAQNC

(B) QANMB

(C) QAPNC

(D) QANMC

Q17 In a certain code language VICTORY is coded as YXRWILB then what will be the code for SUCCESS?

(A) VXFFHUV

(B) VXFFHVU

(C) VXFEHVV

(D) VXFFHVV

Q18 In a certain code language, "BRAIN" is written as "25". How is "SCOOTER" written in that code language?

(A) 49

(B) 40

(C) 45

(D) 41

MATRIX CODING

Q19 In a certain code language, "QUESTION" is written as "SWGUVKQP" and "ANSWER" is written as "CPUYGT". How is "PROBLEM" written in that code language?

(A) RTQDNGO

(B) RRWQGNO

(C) RRDRGNO

(D) RRDQGNN

Q20 In a certain code language, "STRAIGHT" is written as "GHZITRGS" and "BLAMED" is written as "OYNZWV". How is "ROSTER" written in that code language?

(A) LIGHIV

(B) LIGHIW

(C) LIGHBV

(D) LRGHIV

Q21 In a certain code language, 'CAUGHT' is coded as '326212087'. How will 'SOLDER' be coded as in that language?

(A) 2012152358

(B) 1912122359

(C) 1915124359

(D) 1812122459

Q22 In a certain code language, CIRCULAR is coded as 24-3-9-24-1-15-5-9. How will VERTICAL be coded as in that language?

(A) 22-4-9-7-3-23-1-15

(B) 5-4-9-7-3-24-5-15

(C) 22-4-9-7-9-24-5-15

(D) 5-2-9-7-3-24-5-15

Q23 In a certain code language, GOURD is written as 21-13-7-10-24 then how will BRINJAL be written in the same code language?

(A) 25-9-3-14-18-1-15

(B) 26-10-15-14-18-2-16

MATRIX CODING

(C) 26-10-19-14-18-1-16

(D) 26-10-19-14-18-2-16

Q24 In a certain code language, GREAT is written as HSDZU and PLAYER is written as QMZZDS then how will MUSIC be written in the same code language?

(A) NTTHB

(B) NTTHD

(C) NTTJD

(D) NSTHD

Q25 In a certain code language, GREATLIFE is written as GTINVCGHK then how will KEYSWORDS be written in the same code language?

(A) AGMQYUUFT

(B) AGMQZUUFT

(C) AGMQYUVFT

(D) AGMQYUUGT

Q26 In a certain code language, 'HARVEST' is coded as '22-21-7-24-20-3-10'. How will FARMER' be coded in that code language?

(A) 20-7-14-21-3-8

(B) 19-7-15-20-3-7

(C) 19-7-15-19-3-8

(D) 20-7-15-20-3-8

Q27 In a certain code language, I is written as P, L as A, A as O, O as N, N as C, C as T, P as L and T as I. How will POLITICIAN be written in that code?

(A) LNAIPITPOC

(B) LNAPIPTPON

(C) LNAPIPTPOC

(D) TNAPIPLPOC

Q28 In a certain code language, 'JUPITER' is written as 'JVOJSFR'. How will 'NEPTUNE' be written as in that language?

MATRIX CODING

(A) NDPSVME

(B) NGOUTOE

(C) NFOUTOE

(D) NFOSTOE

Q29 In a certain code language, PEAR is written as SJHA and SLIK is written as VQPT then what is the code of WISH?

(A) ZNAQ

(B) ZNZH

(C) ZNZQ

(D) ZNLQ

Q30 In a certain code language, STRAIGHT is written as TSARGITH. How will THURSDAY be written as in that language?

(A) UHTDRSYA

(B) AYSDURTH

(C) HTRUDSYA

(D) HTRUDSAY

Q31 In a certain code language, U is written as C, K is written as H, L is written as U, N is written as E, S is written as L, E is written as K, and C is written as N. How will 'KNUCKLES' be written as in that language?

(A) HECNHUKL

(B) HECNHULK

(C) KECNKUHL

(D) CHUECKN

Q32 In a certain code language. 'SERVANT' is coded as '195182211420'. How will 'MAGNIFY' be coded as in that language?

(A) 1426693625 (B) 1316143522 (C) 1317149625 (D) 1417139625

Q33 In a certain code 'MIMEOGRAPH' is written as 'OKOGQITCRJ', how is 'CROSSCUTTER' written in the same code?

MATRIX CODING

(A) DSQUUEWVVGT

(B) ETQUUEWVVGS

(C) ETQUUEWVVGT

(D) ETQUUEVTWWGT

Q34 In a certain code 'PARAGRAPH' is written as 'ZIZKLSKZI'. How will 'CLIPBOARD' be written in that code language?

(A) KROXTWIZL

(B) KROXGDIZL

(C) KROXGWIZE

(D) KROXGWIZL

Q35 In a certain language, if ABIDE is written as 14811625, then how will CAGED be written as in that language?

(A) 91492516 (B) 91416514 (C) 61492516 (D) 81493514

Q36 In a code language, BIGGER is written as 9277185. How will WINNER be written in the same language?

(A) 9231414184

(B) 9231418514

(C) 9321414185

(D) 9231414185

Q37 In a code language, HEAD = 4158 and PASTE = 52019116, what would be TRICK?

(A) 11391718 (B) 31191820 (C) 11391820 (D) 11932018

Q38 In a specific code language, 'PRO' is written as '48', 'BAL' is written as '14'. What is the code for 'COH' in this code?

(A) 27 (B) 26 (C) 24 (D) 25

Q39 In a specific code language, 'VERBAL' is written as '225182112', 'CURANT' is written as '3211811420'. What is the code for 'SOLVER' in this code language?

(A) 19151123518 (B) 19151222518 (C) 19151122518 (D) 19152412518

MATRIX CODING

Q40 In the question, a word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., O can be represented by 01, 20, etc., and 'F' can be represented by 85, 99, etc. Similarly you have to identify the number set for the word FORGE?

Matrix-I

	0	1	2	3	4
0	G	O	A	H	R
1	A	R	H	G	O
2	O	G	C	R	A
3	R	A	G	O	H
4	H	C	R	A	G

Matrix-II

	5	6	7	8	9
5	M	E	N	L	B
6	E	B	L	N	M
7	L	N	M	B	E
8	F	M	B	E	L
9	B	L	E	M	F

(A) 99, 01, 23, 32, 56

(B) 99, 14, 20, 32, 97

(C) 85, 20, 23, 33, 65

(D) 99, 01, 13, 32, 56

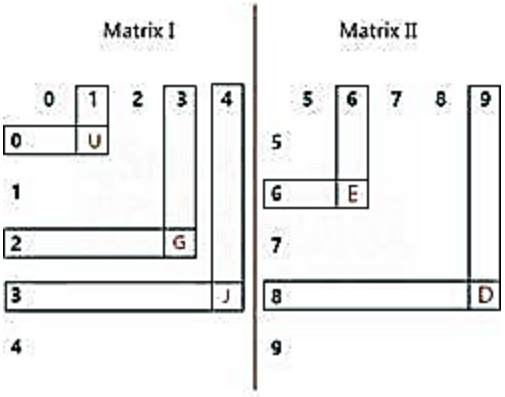
EXPLANATION

Q1.(C) 68, 75, 23, 79, 76, 03

Q2.(B) Opposite letter of consonants. For Vowel A-1, E-2, I-3, O-4, U-5 used.

Q3.(A) G =7 × 7 = **49** U=21 × 21 = **441** M =13 ×13 = **169**

Q4.(D)



Q5.(D)

MATRIX CODING

Q6.(C) pit = me, na = water, sam = bring, tod = is, jo = life, tub = toy, od = give, lin = and

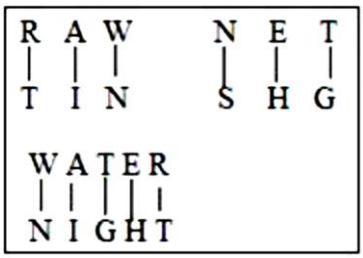
Q7.(D)

Q8.(C)

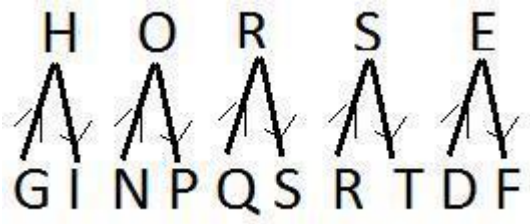
Q9.(C) G= FGH, PEN = OPQ DEF MNO, VIEW = UVW HIJ DEF VWX

Q10.(D)

Q11.(C)



Q12.(A)



Q13.(D)

Q14.(B) JOURNALIST = TSILANRUOJ = STLINAURJO = +1, +1, +1, +1, +1, +1, +1, +1, +1, +1 = TUMJOBVSKP

Q15.(B) R A M E S H 18 1 13 5 19 8 (1+8) + 1+(1+3) + 5+(1+9)+8 9+1+4+5+10+8 = 37 M O H I N I

13 15 8 9 14 9 (1+3)+(1+5)+8+9+(1+4)+9 4+6+8+9+5+9 = 41

Q16.(A) (-2 -2 +2 -2 -2)

Q17.(D)

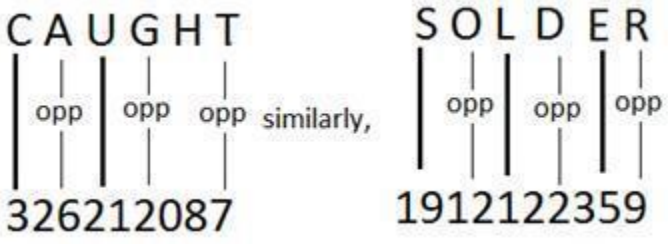
MATRIX CODING

Q18.(A) BRAIN = 5 = 5 x 5 = 25 SCOOTER = 7 = 7 x 7 = 49

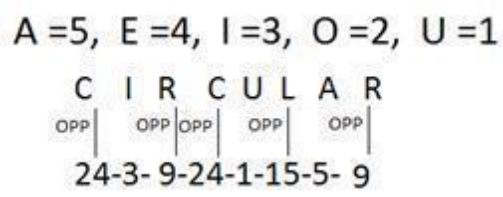
Q19.(A) +2, +2, +2, +2, +2, +2, ------ (in each letter)

Q20.(A)

Q21.(B)

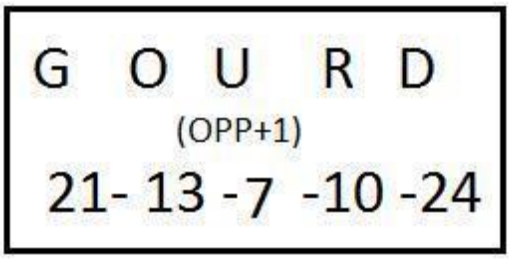


Q22.(B)



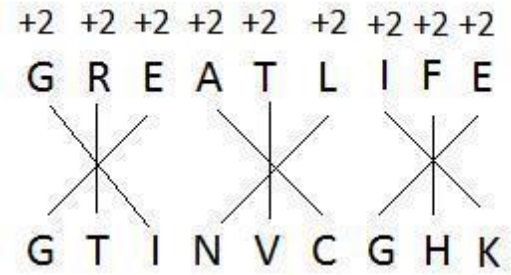
Q23.(C)

MATRIX CODING



Q24.(B) Consonant + 1, Vowel – 1

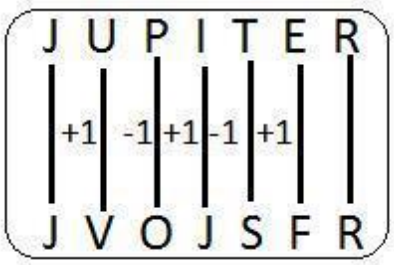
Q25.(A)



Q26.(D) Firstly, reverse all the letters of HARVEST and then TSEVRAH (place value+2) 22-21-7-24-20-3-10

Q27.(C) I-P, L-A, A-O, O-N, N-C, C-T, P-L, T-I POLITICIAN-LNAPIPTPOC

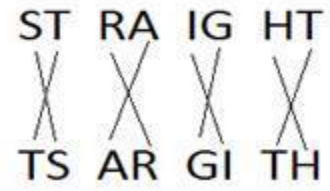
Q28.(C)



Q29.(C) PEAR = +3, +5, +7, +9 = SJHA SLIK = +3, +5, +7, +9 = VQPT WISH = +3, +5, +7, +9 = ZNZQ

Q30.(C)

MATRIX CODING

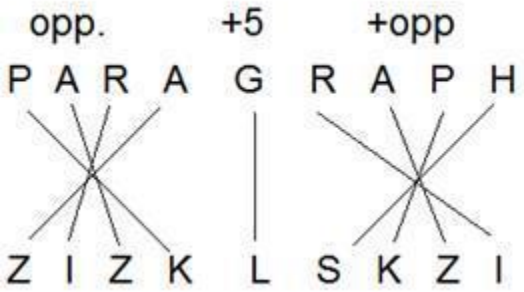


Q31.(A) U→ C, K→H, L→U, N→E, S→L, E→K, C→N KNUCKLES → HECNHUKL

Q32.(C) Letters coded in the form of place value.

Q33.(C) MIMEOGRAPH = +2, +2, +2, +2, +2, +2, +2, +2, +2, +2 = OKOGQITCRJ

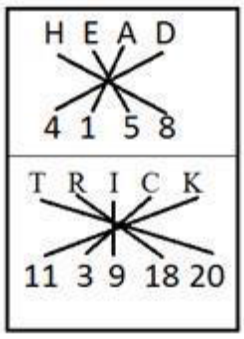
Q34.(D)



Q35.(A) All letters are coded as the square of their place value.

Q36.(D) BIGGER = I B G G R E = 9 2 7 7 18 5

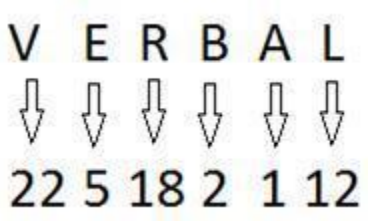
Q37.(C)



Q38.(D) PRO →16+18+15 = 49 -1 = 48 BAL→ 2+1+12 = 15 -1 = 14 COH → 3+15+8 = 26 -1 = 25

Q39.(B)

MATRIX CODING



Q40.(C)