Type – 01 Vowel & Consonant Coding

1.In the given word DECODING, in all the vowels are replaced by previous letter and all consonants are replaced by the next letter according to alphabetical order. Then, after it all substituted letters are arranged in alphabetical order. Then, find out which letter will be 5th from right end.

1) D 2) E 3) H 4) N 5) O

2. If each of the alphabets of the word SALIENT is arranged in alphabetical order from left to right and then each vowel in the new word, thus formed is changed to the next letter in the English alphabetical series and each consonant is changed to the previous letter in the English alphabetical series. Which of the following will be third from left end?

1)I 2) R 3)K 4)M 5)J

3 Each consonant in the word TIRADES is replaced by the previous letter in the English alphabet and each vowel is replaced by the next letter in the English alphabet and the new letters are rearranged alphabetically. Which of the following will be fourth from the right end?

(1) J (2) C (3) Q
(4) F (5) None of these

4. If all the vowels in the word SOVEREIGN are arranged in alphabetical order first and then all consonants are arranged in reverse alphabetical order. Which of the following letter will be third to the right of the fifth from the right end.

(1) N (2) V (3) O
(4) S (5) R

5. Each vowel in the word TOLERANT is replaced by the next letter in English alphabet and each consonant is replaced by the previous letter in the English alphabet and the new set of letters are arranged alphabetically which of the following will be fourth from the right end after the replacement?

(1) K (2) P (3) Q
(4) M (5) None of these

6. Each consonant in the word BISCUIT is replaced by the next letter in the English alphabet and each vowel is replaced by the previous letter in the English alphabet and the letter, so obtained are arranged in alphabetical order, which of the following will be in the middle after the rearrangement?

(1) D (2) U (3) T
(4) H (5) None of these

7. Each vowel in the word JOURNEY is replaced by the previous letter in the English alphabet and each consonant is replaced by the next letter in the English alphabet, then the substituted letters are arranged in alphabetical order, which of the following will be fifth from the left end after rearrangement?

(1) O (2) N (3) S
(4) T (5) K

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8. In a certain code language REQUEST is return as S2R52TU. Then, how ACID be written in that code language?
1) 1 D 4 E 2) Z D 3 E 3) 1 D 3 E
4) 3 D 2 E 5) None of these

Type – 02 Cross Change Coding

2. In a certain code language CORDIAL is written as SPDCMBJ. How is SOMEDAY written in that code language?
1) NPIDZBE 2) NPTDZBE 3) MPTEZBE
4) NPTFZBE 5) None of these

3. In a certain code language GLAMOUR is written as YJEKTWQ. How is SERVING written in that code language?
1) PCQIIKP 2) PQCTIPK 3) PCQTIPK
4) CQPTIPK 5) None of these

4. In a certain code language TIME is written as GOKV. How is BOLD written in that code language?
1) YNDQ 2) YOND 3) YDNQ
4) YKDQ 5) FNQD

5. Ina certain code language SYMBOL is written as QNCNQW. How is MARKET written in that code language?
1) GVLSKY 2) VLGSKY 3) GLVSKY
4) LVGSKY 5) None of these

6. In a certain code ORGANISE is written as ITQMZCQG. How is DESTINED written in that code?
(1) SADCCOMH (2) UFGRGBLC
(3) UTFECDMH (4) UGFRGBCL
(5) None of these

7. In a certain code SERIAL is written as OBPODL. How is ENTICE written in that code?
(1) SMDFDJ (2) QKBHFL
(3) QBKHLF (4) RKBHFL
(5) None of these

8. In a certain code RELATION is written as CNGTLMGR. How is ADVISORY written in that code?
(1) JWEBTPSZ (2) JWEBZSPT
(3) KXFWTCMQ (4) KXFCWTMQ
(5) None of these

9. In a certain code SUBJECT is written as CWVQSAB. How is ORDINAL written in that code?
(1) CONHMBO (2) CONHEMO
(3) ETARKYK (4) ESPHMBO
(5) None of these

10. In a certain code COIMBATORE is written as JPDVCDODQN. How is POLYTUNNEL written in that code?
(1) MPQWPVADKM
(2) PMQPWAMDK
(3) MPPQVWAKOM
(4) MPQPWVAKDM
(5) None of these

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Type – 03 Number Symbol coding

1. In a certain code language GONE is written as 5139 and NODAL is written as 31268. How is LODGE written in that code language?
1) 81295 2) 81259 3) 81925
4) 81529 5) None of these

2. In a certain code language GONE is written as 4432. How is MORE written in that code language?
1) 4953 2) 2935 3) 2953
4) 4935 5) None of these

3. In a certain code language WAVE is written as 5%3★ and WINS is written as 59@©. How is SANE written in that code language.
1) ★ %©a 2) ©%@ ★ 3) ©@%★
4) ©9@★ 5) None of these

4. In a certain code BOARD is written as 51324 and SIDE is written as 9647. How is BASE written in that code?
(1) 5397 (2) 5937
(3) 5697 (4)5297
(5) None of these

5. If PURNE is written as 2★£6• and SAINT as ?7 = 6@, then how is IRATE written?
(1) =★7•@ (2) =★7@•
(3) ★=7@• (4) 6★7@•
(5) None of these

6. If 1 is coded as $, 5 is coded as %, 9 is coded as ★, 3 is coded as+, 7 is coded as # and 4 is coded as ?, what will be the correct form of the number 435971?
(1)? +% ★#$ (2) ?+%$# ★
(3)? + ★%#$ (4) $#★%+?
(5) None of these

7. In a certain code UNDER is written as 6152@ and DEAF is written as 52#7, How is FRAUD written in that code?
(1) 7@56# (2) @7#65
(3) 7@#65 (4)765@#
(5) None of these

8. If P is coded as 2, Q as 4. R as 6, B as 7, Z as 9. Was 5 and F as 3, then which of the following will be the coded form of BFRPZ
(1) 74629 (2) 92637
(3) 76329 (4) 73629
(5) None of these

Type – 04 Analogy Coding

1. As Pen is related to Stationary somehow. Then, how is Book related to which of the following?
1) Study 2) Book Depot
3) Press 4) Publication
5) None of these

2. Which of the following will replace the question mark in the given relation?
Train: Guard :: Bus : ?
1)Cleaner 2) Electrician 3) Driver

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4) Conductor 5) None of these

3. Which of the following will replace the question mark in given relation?
64 : 36 :: 81 : ?
1) 1 2) 3 3) 0 4) 2 5) None of these

4. Court: Justice: : School : ?
(1) Teacher (2) Student
(3) Education (4) Principal
(5) Clerk

5. Birds: Ornithology: : Animal : ?
(1) Botany (2) Philology
(3) Zoology (4) Seismology
(5) Cardiology

6. EGIK: LIHF: : SUWY : ?
(1) ZXVT (2) LNPA
(3) MOOS (4) TVXZ
(5) ZXTR

7. QTU: ILM : : BEF : ?
(1) PSZ (2) WZA
(3) UXB (4) CFH
(5) PSU

8. 14 : 9 :: 26 : ?
(1) 12 (2) 19
(3) 15 (4) 21
(5) 24

Type – 05 Classification Coding

1. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
1) Yellow 2) Green 3) Red
4) Violet 5) Black

2. Four of the following five are alike in a certain way and so form a group. Which is the wave that does not belong to that group?
1) KI 2) WU 3) CE 4) FD 5) MK

3. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
1) 39 2) 47 3) 43 4) 41 5) 31

4. Four of the following five are alike in a certain way and so form a group. Which of the one that does not belong to that group?
(1) Cricket (2) Table Tennis
(3) Volley Ball (4) Chess
(5) Badminton

5. Four of the following five are alike in a certain way and form a group. Which is the one that does not belong to that group?
(1) Lucknow (2) New Delhi
(3) Japur (4) Bhopal
(5) Gandhinagar

6. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
(1) GT (2) KP

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(3) EV (4) IR
(5) LN

7. Four of the following five are alike in a certain way and form a group. Which is the one that does not belong to that group?
(1) 64 (2) 28
(3) 55 (4) 36
(5) 91

8. Four of the following five are alike in a certain way and form a group. Which is the one that does not belong to that group?
(1) 396 (2) 465
(3) 888 (4) 295
(5) 798

Type – 06 Forward Coding

1. If 'Yellow ' is called ' Blue ' , 'Blue ' is called 'Black' is called 'Red', 'Red' is called 'White' and 'White' is called 'Orange'. Then, what is the colour of buffalo?
1) Orange 2) White 3) Red
4) Blue` 5) Yellow

2. If 'Green' means 'Violet', 'Violet' means 'Pink' PINK means 'Yellow', 'Yellow' means 'White' and 'White' means 'Red'. Then, by which colour Jaipur city is know?
1)Yellow 2) Violet 3) White
4) Red 5) Green

3. If blue' is written as 'green', 'green' is written as 'red'. 'red' is written as 'yellow', 'yellow' is written as 'black' and black is written as 'white', then what is the colour of sunflower?
(1) Yellow (2) White
(3) Black (4) Red
(5) None of these

4. If blue is called 'white', 'white' is called 'green', 'green' is called 'red', 'red' is called "brown', 'brown' is called 'black', 'black' is called 'yellow' and 'yellow' is called as 'pink', then which of the following represents the colour of crow?
(1) Red (2) Brown
(3) Black (4) Yellow
(5) Blue

5. If Road is called 'car', 'car' is called 'train,' 'train' is called 'school, 'school' is called 'house' and 'house' is called 'office' then where do children go for study?
(1) Car (2) School
(3) Train (4) House
(5) None of these

6. If 'red' means 'orange', 'orange' means 'green', 'green' means 'blue', 'blue' means 'white' and 'white' means 'red', then what is the colour of cricket field?
(1) Green (2) Orange
(3) White (4) Blue
(5) None of these

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7. If 'red' means 'blue', 'blue' means 'green', 'green' means 'orange', 'orange' means 'pink' and 'pink' means 'black', then what is the colour of parrot?
(1) Orange (2) Green
(3) Blue (4) Red
(5) None of these

Type – 07 Equation Coding

1.If A is denoted by ' + ', B is denoted by -, C is denoted by 'X' and D is denoted by ' ÷ ', then find the value of
25 B 10 C 32 D 20 A 5

1)12 2) 5 3) 20 4) 14 5) N0ne of these

2. Find the value of question mark in the given equation. (Without using BODMAS rule)
$25 \div 5 + 10 \times 13 - 12 = ?$
1)100 2) 150 3) 183
4) 300 5) 200

3. If '+' means '–' , '–'means 'X', 'X' means '÷', and '÷' means '+', then what will be the value of
$300 + 28 - 5 \times 32 \div 14 = ?$
(1) 50 (2) 40
(3) – 55 (4) 55
(5) None of these

4. If '÷' means '+', '–' means 'X', 'X' means '÷' and '+' means '–' then what will be the value of
$15 - 8 \times 6 \div 12 + 4 = ?$
(1) 28 (2) $2\frac{2}{3}$
(3) $8\frac{4}{7}$ (4) 20 (5) None of these

5. If 'R' denotes '–', Q denotes 'X', 'W' denotes '÷' and 'A' denotes '+', then what will be the value of 42 W 7 R 8 A 6 Q 4 = ?
(1) 28 (2) – 168
(3) – 22 (4) 22
(5) None of these

6. If 'R' denotes '÷' , T denotes '–' . 'M' denotes '+' and 'W' denotes 'X' , then what will be the value of 27 T 15 R 3 W 4 M 6 = ?
(1) 1 (2) 7
(3) 13 (4) – 23
(5) None of these

7. If '↑' means '+' , '↓'means 'X' , '→'means '–' and '←'means '÷' then what will be the value of
$14 \downarrow 4 \leftarrow 7 \uparrow 12 \rightarrow 8 = ?$
(1) 8 (2) 12
(3) 20 (4) $5\frac{1}{11}$
(5) None of these

Type – 08 pair Coding

1. How many such pairs of letters are there in the word CHRONICLE each of which has as many letters between them in the word as in the English alphabet?
1) None 2) One 3) T

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4) Three 5) Five

2. How many such pairs of digits are there in the number 75938462, each of which has as many digits between them in the number as they have between arranged in ascending order?
1) Three 2) Four 3) Five
4) Two 5) Six

3. How many such pairs of letters are there in the word ADJUSTING each of which has as many letters between them in the word as in the English alphabet?
(1) None (2) One
(3) Two (4) Three
(5) More than three

4. How many such pairs of letters are there in the word OPERATE each of which has as many letters between them in the word as in the English alphabet?
(1) Nore (2) One
(3) Four (4) Five
(5) More than five

5. How many such pairs of letters are there in the word UNIVERSITY each of which has as many letters between them in the word as in the English alphabet?
(1) None (2) One
(3) Two (4) Tree
(5) More than three

6. How many such pairs of digits are their in the number 531468 each of which has many digits between them in the number as when the digits are rearranged in descending order within the number?
(1) None (2) One
(3) Two (4) Three
(5) More than three

7. How many such pairs of digits are there in the number 254983 each of which has as many digits between in the number as when the digits are rearranged in descending order within the number?
(1) Two (2) Three
(3) Four (4) Five

Type –09 Conditional Coding

Directions: Read the given combination and conditions carefully and answer the question accordingly.

P	M	A	D	E	J	I	T	Q	U	O	F	H	W	B
6	$	7	1	%	2	£	8	3	©	4	@	9	5	★

Conditions:
(i) If the first letter is a consonant and the last letter is a vowel, their codes are to be interchanged.

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ii) If the first letter is a vowel and the last letter is a consonant, (both are to be coded as the code for the last letter.
(iii) If both the first and the last letters are consonants, both are to be coded as '#'.

1. OHBWDFT
1) 89★ 51@4 2) 4951@8★
3) 89 ★51@8 4) 49 ★51@4
5) None of these

2. AHBWMPE
1) 79★ 5$6% 2) 795$67★
3) #9 $6#★ 4) %9 5$67
5) None of these

3. FEPWBUH
1)@%65 ©9 2) #%65 ©#
3) 9%65 ©@ 4) 9%65 ©9
5) None of these

4. DEJATMI
1) 1%278$δ 2) 1%278$1
3) δ%278$δ 4) δ%278$1
5) None of these

Directions: In each question below is given a group of letters followed by four combinations of digits/symbols numbered (1), (2), (3) and (4). You must find out which of the combinations correctly represents the group of letters based on the following coding system and mark the number of that combination as the answer. If none of the four combinations correctly represents the group of letters, mark (5) ie, 'None of these' as the answer.

J	H	Q	A	R	L	E	G	T	U	M	B	C	I	P
5	@	2	8	1	9	%	#	©	4	6	$	★	3	7

Conditions
(i) If both the first and the last letters of the group are vowels, their codes are to be interchanged.
(ii) If the first letter is a consonant and the last letter is a vowel, both are to be coded by the code for the consonant.

5. IGCHRE
(1)%#★@13 (2) 3#★@1%
(3) 3#★@13 (4) %#★@1%
(5) None of these

6. JQGALI
(1) 32#893 (2) 52#893
(3) 52#895 (4) 32#895
(5) None of these

7. EBHRMT
(1) %@$16© (2) %$@16©
(3) 6$@1©% (4) ©$@16%
(5) None of these

Directions: In each of the question below, a group of digits are given followed by four combinations of letters

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numbered (1), (2), (3) and (4). You must find out which of the four combinations correctly represents the group of digits below. If none of the four combinations represents the group of digits correctly, give (5) i.e., 'None of these' as the answer.

9	2	1	7	5	3	6	4	8
B	V	M	L	O	P	A	F	R

Conditions
(i) If the first as well as the last digits are even, both are to be coded by the code for the first digit.
(ii) If the first as well as the last digits are odd, bath are to be coded by the code for the last digits.

8. 812354
(1) RLVPDF (2) FMVPDF
(3) RMVPOR (4) RMVADF
(5) None of these

9. 562183
(1) PAVMRP (2) DAVMRD
(3) PAVIMIRD (4) DAVMRP
(5) None of these

Type –10 Sentence Coding

Direction: (1 to 4) Study the following information to answer the given question.

In a certain code, 'he is waiting there' is written as 'la pa ro ta', 'there is the train' is written as 'zo ro ji la', 'waiting at the station' is written as 'ma ta fu ji' and 'is this a station' is written as 'fu bi ro vi'.

he is waiting there -----la pa ro ta'

there is the train --------zo ro ji la

waiting at the station--- ma ta fu ji

is this a station---------- fu bi ro vi

1. What is the code for 'he'?
1) la 2) pa
3) ro 4) ta 5) Either la or zo

2. Which of the following represents 'the train station'?
1) zo la ma 2) fu ji ta 3) fu ji zo
4) ro zo fu 5) can't be determined

3. Which of the following may represent 'guard is waiting'?
1) ro ta zo 2) ta ki ro 3) fu zo ki
4) ta ro ji 5) la ma ro

4. What is the code for 'la'?
1) waiting 2) there 3) train
4) station 5) the

5. In a certain code, 'she is busy' is written as 'ka ta jo', 'she has gone' is written as 'pa ta ma' and 'days are gone'

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is written as 'bo la pa'. How is 'has' written in that code?
(1) ma (2) ka
(3) ta (4) ta or ma
(5) None of these

6. In a certain code language 'simple interest' is written as 'te ne', 'interest free' is written as 'te ja' and 'free loan' is written as 'ja pa'. How is 'loan' written in that code language?
(1) pa (2) ja
(3) ne (4) to
(5) Cannot be determined

Directions (Q.Nos. 48 - 50) Read the given information carefully and answer the question accordingly.
In a certain code language 'look at this' is written as 'me non cac", 'this is beautiful' is written as 'qa se non', 'look beautiful things' is written as 'dha qa me', 'at this place time' is written as 'cac non le dho' and 'time is going' is written as 'se dho wh

7. What should be the code for 'things?
(1) dha (2) me
(3) да (4) dha or ga
(5) None of these

8. What should be the code of 'time is beautiful?
(1) se dho cac (2) me dho se
(3) non qa se (4) dho qa se
(5) None of these

9. What should be the code for 'wh dha non le?
(1) this place is beautiful
(2) going beautiful look place
(3) going place things beautiful
(4) at this going things
(5)

TYPE 11: MATRIX CODING

Matrix I

	0	1	2	3	4
0	F	O	M	S	R
1	S	R	F	O	M
2	O	M	S	R	F
3	R	F	O	M	S
4	M	S	R	F	O

Matrix II

	5	6	7	8	9
5	A	T	D	I	P
6	I	P	A	T	D
7	T	D	I	P	A
8	P	A	T	D	I
9	D	I	P	A	T

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1.MOST

a) 40, 44, 22, 89 b) 33, 20, 11, 79

c) 21, 00, 03, 88 d) 02, 13, 34, 56

2. ROAD

a) 42, 32, 79, 58 b) 23, 32, 98, 99

c) 11, 13, 67, 69 d) 04, 20, 55, 78

3. STOP

a) 10, 56, 44, 97 b) 41, 68, 01, 77

c) 22, 75, 32, 86 d) 33, 99, 42, 59

4. FORM

a)24, 01, 55, 22 b) 00, 01, 67, 33

c) 12, 13, 67, 23 d) 43, 52, 56, 33

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