CODING & DECODING

1. If TSEREVE and NOITACUDE stands for EVEREST and EDUCATION, how will you code REDFORT?
   A. RECFORT
   B. TEDFNOR
   C. REDFORT
   D. TROFDER

2. If CARPET is coded as TCEAPR, then the code for NATIONAL would be
   A. NLATNOIA
   B. LANOITAN
   C. LNAANTOI
   D. LNOINTAA

3. If in a certain code BACK is coded as 5431, LABLE is coded as 14510 what will be the code for BALL?
   A. 1345
   B. 5411
   C. 1354
   D. 2130

4. If JAPAN is coded KCSES, then the code for CASTLE will be
   A. DIJOBT
   B. DJKRDP
   C. DKMSGR
   D. DCVXQK

5. If in a certain language CARROM is coded as BZQQNL, how is HOUSE written the code?
   A. GNTRD
   B. GNTSD
   C. GMTRD
   D. GNSRD

6. If PAINTER is written in a code language as NCGPRGP, then REASON would be written as
   A. PCYQMN
   B. PGYQMN
   C. PGYUMP
   D. PGYUPM

7. If 'COUNSEL' is to 'BITIRAK' so also 'GUIDANCE' is to
   A. FOHYZJBB
   B. FOHYBJBB
   C. FOHZZKAB
   D. FORHYZJB

8. If EARTH can be coded as 'IUSBF' how can GLOBE be coded?
   A. HMPCF
   B. FMPCH
   C. FPMCH
   D. FCPMH

9. If DOOR = 25, LOWER = 37, TOWER = 18, then OVER = ?
   A. 81
   B. 45
   C. 60
   D. 06

10. In a certain code, DEER is written as 96. How is SONG written in that code?
    A. 155
    B. 165
    C. 175
    D. 185

11. If 'MEANDER' is coded as '4515459', then 'MATHEMATICS' is coded as
    A. 6 7 2 5 0 6 2 3 0 7 6

B. 4 1 2 8 5 4 1 2 9 3 1
C. 4 5 0 3 8 4 0 1 8 5 4
D. 5 7 1 5 9 4 1 3 9 5 5

12. If % x # = 20; # x & = 32; % x & = 40; * x & = 72. Then what is the value of * ?
    A. 8
    B. 7
    C. 9
    D. 6

13. In a certain code language, if the value of 'INVADER' = 42 and 'SECURE' = 30, then what is the value of 'SITUATION'?
    A. 81
    B. 63
    C. 72
    D. 90

14. In a certain code language, if the value of 38 + 15 = 66 and 29 + 36 = 99, then what is the value of 82 + 44 = ?
    A. 77
    B. 80
    C. 88
    D. 92

15. In a certain code language, if the value of 'CUSTOM' = 19 and 'LABOUR' = 96, then What is the value of the word 'WORK'?
    A. 42
    B. 76
    C. 46
    D. 67

16. In a certain code language, if the value of 13 * 14 = 23 and 28 * 57 = 81, then what is the value of 65 * 49 = ?
    A. 100
    B. 90
    C. 110
    D. 120

17. In a code language 'How are you' is coded as '3 4 5', 'Who are you' is coded as '4 1 3', 'They are good' is coded as '6 4 9' and 'She is good' is coded as '7 9 2'. What is the code for 'you'?
    A. 3
    B. 2

C. 4
D. 5

18. If in a certain code language, $#@ means good sweet fruit; %$& means good red rose and *@% means rose and fruit which of the following digits stands for sweet in that language?
    A. $
    B. @
    C. #
    D. %

Directions for Q19 - Q21:
Study the following information to answer the given questions.
In a certain code
'Basic material is available' is written as 'de kl ce dp'.
'Basic questions are solved' is written as 'sa kc bk de'.
'Almost questions available solved' is written as 'dp fc bk sa'.
'are material good enough' is written as 'kl ts kc mt'.

19. Which of the following is the code for 'is are'?
    A. kl dp
    B. sa fc
    C. ce de
    D. ce kc

20. If 'questions make difference' is coded as 'cl km sa', then which of the following is the code for 'solved are available'?
    A. kc bk sa
    B. dp mt kl
    C. bk kc dp
    D. de fc dp

21. What can be the code of 'almost material unique'?
    A. fc bk op
    B. fc de kl
    C. kl op mt
    D. fc kl jf

Directions for Q22 - Q24:
Study the following information carefully and answer the following questions.

In alphabetical series A - Z, each letter except vowels and Z is assigned a different number from 1 - 10 (for example B is coded as 1, C - 2, ..., M - 10)and again those numbers get repeated(for example N - 1, P - 2, ... so on).

Also each vowel and Z is assigned a different symbol viz. #, $, %, @, &, *.

For example:

'Remain am Brown' is coded as $4 * 10@#1 @10 \ 14\$81$

'You are good' is coded as $10\$\% \ @4* \ 5\$\$3$

'Zenith in topper' is coded as $\&*1\#66 \ \#1 \ 6\$22*4$.

22. What can be the code of 'bankers' ?
    A. $1@18 * 52$
    B. $1@81 * 45$
    C. $1@18 * 54$
    D. $1@18 * 45$

23. What can be the code of 'digital library' ?
    A. $3\#5\#6\$9 \ 9\#41@410$
    B. $3\#5\#6@9 \ 9\#14@410$
    C. $3\#5\#6@9 \ 9\#14@401$
    D. $3\#5\#6@9 \ 9\#14@140$

24. What can be the code of 'complexity'?
    A. $2\$1029 * 96\#10$
    B. $2\$1029 * 9\#160$
    C. $2\$1029 * 9\#610$
    D. $2\$1029 * 9\#601$

Direction for Q25 & Q26:
Study the following information carefully to answer the given questions

Letter	M	P	F	Q	V	L	U
Code	@	0	7	*	9	%	1

G	S	E	X	K	T	Z	C
#	5	!	?	3	©	8	$

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

ii. If the first letter is consonant and the last letter is a vowel, both are to be coded as the code for the last letter.

iii. If both the first and the last letters are vowels, both are to be coded as '&'.

25. QGMCLE
    A. !#@$%!
    B. &#%$?&
    C. 7#?$%8
    D. *#@$%!

26. PEZTVL
    A. %!8©90
    B. @0!5#?
    C. 0!8©9%
    D. 1!*?9%

27. If Shirt is called Specks, Specks is called Trouser, Trouser is called hat, Hat is called Table, Table is called Comb, Comb is called Watch, then which of the following is used to wear on head?
    A. Comb
    B. Table
    C. Watch
    D. trouser

28. If SAND is called AIR, Air is called PLATEAU, PLATEAU is called WELL, WELL is called ISLAND and Island is called SKY, then from where will a woman draw water from?
    A. WELL
    B. ISLAND
    C. SKY
    D. AIR

29. In a certain code language, 'YIELD' is written as 'YHBGX' and 'FORT' is written as 'POME'. How is 'HEIGHT' written in that code language?
    A. NCDFCG
    B. NCCECG
    C. NBCFCG
    D. NCCFCG

Directions for Q30 - Q33:
Study the following information to answer

the given questions.
In a certain code,
'types windows tired compute' is written as 'v16# v18# yo4& e16!'.
'examine english contact history' is written as 'j20& g12% g13% e20@'.
'excel execute India allow' is written as 'go3# ko4% go3! c12&'.
'insurance types symbols final' is written as 'uo2& k18 h14 v16#'.

30. What is the code for 'tired'?
    A. e16!
    B. yo4&
    C. v18#
    D. v16#

31. What is the code for 'three' ?
    A. v18@
    B. v18#
    C. u18#
    D. v20#

32. What is the code for 'product editing'?
    A. g20% ro4!
    B. g20# yo4!
    C. s20@ ro4!
    D. g20% ro3!

33. What is code for 'clipboard' ?
    A. uo2&
    B. eo4&
    C. eo2#
    D. eo2&

    Directions for Q34 - Q37:
    Study the following information to answer the given questions.
    In a certain code,
    'shunt three grammar some' is written as 'g#15 t@63 h@35 h#08'.
    'talent demand back theme' is written as 'y@24 g#15 g@48 w@48'
    'father where too Delhi' is written as 'u@48 w#15 d#15 g@03'.
    'incredible proceed loan citi' is written as 'k@63 x#08 r#80 o@24'.

34. Which is the code for 'comment' ?
    A. e@35
    B. x@63

C. x#23
D. d#48

35. What is the code of 'theme'?
    A. g@48
    B. w@48
    C. g#15
    D. k@63

36. What is the code of 'the credit loan' ?
    A. r#80 x@48 g#03
    B. o@24 u@15 g#03
    C. k@63 t#48 r#08
    D. o@24 x@48 g#03

37. Which is the code for 'software games'?
    A. i@48 t@35
    B. h#48 t@35
    C. h@48 t#15
    D. g#48 t#08

38. What is the value of A, B, C and D in the following matrix?

A	17	14	11
B	15	16	21
C	12	19	22
23	D	13	8

    A. A = 20, B = 10, C = 18, D = 9
    B. A = 10, B = 18, C = 9, D = 10
    C. A = 20, B = 10, C = 9, D = 18
    D. A = 10, B = 20, C = 18, D = 9

39. In this 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 the two given matrices. The columns and rows of Matrix I are numbered from 0 to 4 and those of Matrix II from 5 to 9. A letter from these matrices can be represented first by its row and then the column number e.g. B can be represented by 20, 43, etc. Similarly you have to identify the correct set for the 'RAIN'.

Matrix I					
	0	1	2	3	4
0	D	O	B	A	I
1	O	B	A	I	D
2	B	A	I	D	O
3	A	I	D	O	B
4	I	D	O	B	A

Matrix II					
	5	6	7	8	9
5	W	N	R	M	L
6	N	R	M	L	W
7	R	M	L	W	N
8	M	L	W	N	R
9	L	W	N	R	M

in the two given matrices. The columns and rows of Matrix I are numbered from 0 to 4 and those of Matrix II from 5 to 9. A letter from these matrices can be represented first by its row and then the column number. Similarly you have to identify the correct set for the word 'BOLD'.

A. 57, 12, 31, 56
B. 57, 21, 23, 79
C. 66, 44, 42, 96
D. 75, 30, 31, 87

40. In this 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

Matrix I					
	0	1	2	3	4
0	D	O	B	A	I
1	O	B	A	I	D
2	B	A	I	D	O
3	A	I	D	O	B
4	I	D	O	B	A

Matrix II					
	5	6	7	8	9
5	W	N	R	M	L
6	N	R	M	L	W
7	R	M	L	W	N
8	M	L	W	N	R
9	L	W	N	R	M

A. 41, 66, 23, 55
B. 34, 24, 68, 32
C. 23, 57, 30, 68
D. 14, 89, 12, 78

ANSWER KEY

1. D	2. C	3. B	4. D	5. A	6. C	7. A	8. D	9. D	10. B
11. B	12. C	13. C	14. B	15. B	16. C	17. A	18. C	19. D	20. C
21. D	22. D	23. B	24. C	25. A	26. C	27. B	28. B	29. D	30. C
31. B	32. A	33. D	34. B	35. C	36. D	37. B	38. C	39. A	40. B