

CODING-DECODING

- If BOMBAY is written as MYMYMY, how will TAMIL NADU be written in that code?
(a) TIATITATIA (b) MNUMNUMNU
(c) IATITATAT (d) ALDALDALD
(e) None of these
- If in a certain code, CORPORATIONS is written as PROCTAROSNOI, then how is JUDICIAL written in that code?
(a) IDUJLAIC (b) UJIDLAIC
(c) UJIDICLA (d) IDUJICLA
- In a certain code, REFRIGERATOR is coded as ROTAREGIRFER. Which word would be coded as NOITINUMMA?
(a) ANMOMIUTNI (b) AMNTOMUIIN
(c) AMMUNITION (d) NMMUNITIOA
(e) None of these
- If in a certain language, ITNIETAM is the code for INTIMATE, which word has the code TREVNIETARBI?
(a) INVRETIBRATE (b) INVERTIBARTE
(c) INVERTIBRETA (d) INVERTIBRATE
(e) INVERITBARTE
- If QKKQUGQL is the code for OMISSION, which word is coded as RYVIWZB?
(a) PATKUBZ (b) BZWIVYR
(c) BZWVIYR (d) PTAKBZU
(e) BZIWYVR
- In a coding system, SHEEP is written as GAXXR and BLEAT as HPXTN. How can SLATE be written in this coding system?
(a) GPTNX (b) GPTXN (c) GPXNT (d) PTGXN
- In a code language, STARK is written as LBFMG and MOBILE is written as TNRSPJ. How is BLAME written in that code?
(a) TSFRJ (b) RPFTJ (c) NJFTP (d) TSFGJ
- If ACNE can be coded as 3, 7, 29, 11, then BOIL will be coded as :
(a) 5, 29, 19, 27 (b) 5, 29, 19, 25
(c) 5, 31, 21, 25 (d) 5, 31, 19, 25
- If DRIVER = 12, PEDESTRIAN = 20, ACCIDENT = 16, then CAR = ?
(a) 3 (b) 6 (c) 8 (d) 10
- If 'book' is called 'watch', 'watch' is called 'bag', 'bag' is called 'dictionary' and 'dictionary' is called 'window', which is used to carry the books?
(a) Dictionary (b) Bag (c) Book (d) Watch
(e) None of these
- In a certain code language, 'po ki top ma' means 'Usha is playing cards', 'kop ja ke ma' means 'Asha is playing tennis', 'ki top sop ho' means 'they are playing football' and 'po sur kop' means 'cards and tennis'. Which word in that language means 'Asha'?
(a) ja (b) ma (c) kop (d) top
(e) ki
- In a certain code language, 'nee muk pic' means 'grave and concern', 'ill dic so' means 'every body else' and 'tur muk so' means 'body and soul'. Which of the following would mean 'every concern'?
(a) dic pic (b) ill nee (c) pic nee
(d) Cannot be determined (e) None of these
- In a certain code language, '3a, 2b, 7c' means 'truth is eternal'; '7c, 9a, 8b, 3a' means 'enmity is not eternal' and '9a, 4d, 2b, 8b' means 'truth does not perish'. Which of the following means 'enmity' is that language?
(a) 3a (b) 7c (c) 8b (d) 9a
(e) none of these
- If STRONG is written as ROTNSG, then how would NAGPUR be written in the same code?
(a) GPAUNR (b) PGUARN
(c) PGAURN (d) GPUANR
- In a certain code language, HAND is written as SZMW, then what will be the code of MILK?
(a) ORNP (b) PNRO (c) NROP (d) RNOP
- If LBAEHC is the code for BLEACH, then which of the following is coded as NBOLZKMH?
(a) OBNKZLHM (b) LOBNHMKZ
(c) OCPMALNI (d) MANKYJLG
(e) BNLOKZHM
- If in a certain language, MACHINE is coded as LBBIHOD, which word would be coded as SLTMFNB?
(a) RKSLEMA (b) TKULGMC
(c) RMSNEOA (d) TMUNGOC
(e) TMUNGMC
- If DEER = 12215 and HIGH = 5645, how will you code HEEL?
(a) 2328 (b) 3449 (c) 4337 (d) 5229s
- If REASON is coded as 5 and BELIEVED as 7, then what is the code for GOVERNMENT?
(a) 6 (b) 8 (c) 9 (d) 10
- In a certain code language, STRING is written as % = * - \$ ÷ and PRAISE as ? * @ - % × . How will the word GRAPES be written in that code language?
(a) ÷ * @ × ? % (b) ÷ @ * ? × %
(c) ÷ * @ ? × % (d) ÷ * - ? × %
(e) None of these
- If 'clock' is called 'television', 'television' is called 'radio', 'radio' is called 'oven', 'oven' is called 'grinder' and 'grinder' is called 'iron', in what will a lady bake?
(a) Radio (b) Oven (c) Grinder (d) Iron
(e) Clock
- In a certain language 'pre nat bis' means 'smoking is harmful', 'vog dor nat' means 'avoid harmful habit' and 'dor bis yel' means 'please avoid smoking'. Which of the following means 'heabit' in that language?
(a) vog (b) nat (c) dor (d) bis
(e) none of these

23. If 'cinto baoli tsi nzro' means 'her village is Sarurpur', 'mhi cinto keepi tsi oind' means 'her first love is literature' and 'oind geit tsi cinto pki' means 'literature collection is her hobby,' which word would mean 'literature' ?
(a) cinto (b) baoli (c) onid (d) geit

24. In a certain code language, '134' means 'good and tasty', '478', means 'see good pictures' and '729' means 'picture are faint'. Which of the following digits stands for 'see' ?
(a) 9 (b) 2 (c) 1 (d) 8

Direction Q. 25 to Q 28 : Read the following information carefully and answer these questions :

In a certain coding system,

'816321' means 'the brown dog frightened the cat' ;

'64851' means 'the frightened cat ran away' ;

'7621' means 'the cat was brown' ;

'341' means 'the dog ran'.

25. What is the code for 'the dog was frightened' ?
(a) 5438 (b) 8263 (c) 8731 (d) None
26. What is the code for 'frightened' ?
(a) 2 (b) 3 (c) 6 (d) 8
27. What is the code for 'away' ?
(a) 1 (b) 5 (c) 6 (d) 8
28. What is the code for 'brown' ?
(a) 2 (b) 4 (c) 6 (d) 8

Directions Q 29 : Study the following information carefully and answer the questions given below it :

Digit : 7 3 5 0 2 1 6 4 9 8

Code : N H L T F D R Q G P

Following conditions are to be observed :

- (i) If the first digit is even and the last digit is odd, they are to be coded as \$ and @ respectively.
 - (ii) If the first digit is odd and the last digit is even, they are to be coded as # and * respectively.
 - (iii) If 0 is preceded as well as followed by an odd digit, then 0 is to be coded as ↑.
 - (iv) If 0 preceded as well as followed by an even digit, then 0 is to be coded as ↓.
 - (v) 0 is not considered as either even or odd.
29. If 2 = 5, 4 = 18, 6 = 39, then 10 = ?
(a) 45 (b) 81 (c) 100 (d) 105
(e) 105
30. If in a certain code, ALMIRAH is written as BNP MWGO, which word would be written as DNRWLUA ?
(a) COSGOLT (b) TOGSOLC
(c) TOGCLOS (d) CLOSGOT
(e) COLSTOG

Coding-Decoding (Solution)

1. (b) The letters at the third and sixth places are repeated thrice to code BOMBAY as MYMYMY. Similarly, the letters at the third, sixth and ninth places are repeated thrice to code TAMIL NADU as MNUMNUMNU.
2. (a) The word is divided into groups of four letters each and then the letters in each group are written in a reverse order.
3. (c) The order of letters of the word is reversed in the code. So, reverse the order of the letters in the code to get the word.
4. (d) The letters in the first half and the latter half of the code are separately reversed to obtain the word.
5. (a) In the code, we have alternately one letter two places ahead and the other two place behind the corresponding letter in the word.
6. (a) Letter : S H E P B L A T
Code : G A X R H P T N
The code for SLATE is GPTNX.
7. (b) Letter : S T A R K M O B I L E
Code : L B F M G T N R S P J
The code for BLAME is RPFTJ.
8. (d) In the given coding system, we have :
Letter : A B C S E F G H I J K L M N O
Code : 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31
So, the code for BOIL is 5, 3, 19, 25.
9. (b) Clearly, each word is coded by the numeral which is twice the number of letters in the word.
So, CAR = (Number of letters in CAR) \times 2 = 3 \times 2 = 6.
10. (a) Clearly, a 'bag' is used to carry the books but a 'bag' is called 'dictionary'. So, a 'dictionary' will be used to carry the books.
11. (a) In the first and second statements, the common code-words are 'ki' and 'ma' and the common words are 'is' and 'playing'. So, 'ki' and 'ma' are the codes for 'is' and 'playing'. In the second and fourth statements, the common code-word is 'kop' and the common word is 'tennis'. So, 'kop' stands for 'tennis'. Thus, in the second statement, 'ja' stands for 'Asha'.
12. (d) Proceeding as in the previous questions, the code for 'every' is either 'ill' or 'dic' and the code for 'concern' is either 'nee' or 'pic'.
13. (c) In the second and third statements, the common codes is '9a' and the common word is 'not'. So, '9a' means 'not'.
In the first and second statements, the common codes are '7c' and '3a' and the common words are 'is' and 'eternal'. Thus, in the second statement, '8b' means 'enmity'.
14. (a) The code contains the letters of the word in the order – third, fourth, second, fifth, first and sixth.
15. (c) If in the word, a letter is the nth letter from the beginning of the English alphabet, then in the code the corresponding letter is the nth letter from the end.
16. (e) The word is divided into groups of two letters each and the letters in each pair are reversed.
17. (e) The code for QKTBFM is 452863.
18. (d) Clearly, each letter is coded by numeral which is 3 less than the numeral denoting the position of the letter in the English alphabet. The code for the word is obtained by joining together physically the number codes for the individual letters.
H, E, L are 8th, 5th and 12th letters respectively. So, their codes are 5, 2 and 9 respectively. Thus, the code for HEEL becomes 5229.

19. (c) Clearly, each word is coded by the numeral which is 1 less than the number of letters in the word.
20. (c) Letter : B R A I N T E
Code : * % \div # \times \$ +
The code for GRAPES is \div * @ \times % .
21. (c) The lady shall bake in an 'oven' but 'oven' is called 'grinder'. So, the lady will bake in a 'grinder'.
22. (a) In the first and second statements, the common code-word is 'nat' and the common word is 'harmful'. So, 'nat' means 'harmful'.
In the second and third statement, the common code-word is 'dor' and the common word is 'avoid'. So, 'dor' means 'avoid'. Thus, in the second statement, 'vog' means 'habit'.
23. (c) In the first and second statements, the common code-words are 'cinto' and 'tsi' and the common words are 'her' and 'is'. So, 'cinto' and 'tsi' are the codes for 'her' and 'is'.
In the second and third statements, the common code-words are 'cinto', 'tsi' and 'oind' and the common words are 'her', 'is' and 'literature'.
24. (d) In the first and second statements, the common code digit is '4' and the common word is 'good'. So, '4' stands for 'good'.
In the first and second statements, the common code digit is '7' and the common word is 'pictures'. So, '7' stands for 'pictures'.
Thus, in the second statement, '8' stands for 'see'.

Direction A. 25 to A. 28

- In the first statement, the code digit '1' as well as the word 'the' occurs twice. So, '1' is the code for 'the'.
- In the first and fourth statement, the common code digits are '1' and '3', and the common words are 'the' and 'dog'. Since '1' stands for 'the', so '3' is the code for 'dog'.
- Thus, in the fourth statement, '4' is the code for 'rain'.
- In the second and third statements, the common code digits are '1' and '6' and the common words are 'the' and 'cat'. Since '1' stands for 'the', so '6' is the code for 'cat'.
- In the first and third statements, the common code digits are '1', '6' and '2' the common words are 'the', 'brown' and 'cat'. Since '1' and '6' stand for 'the' and 'cat' respectively, so '2' is the code for 'brown'.
- Thus, in the third statement, '7' is the code for 'was'.
- In the first and second statements, the common code digits are '1', '6' and '8' and the common words are 'the', 'cat' and 'frightened'. Since '1' and '6' stand for 'the' and 'cat' respectively, so '8' is the code for 'frightened'.

Thus, in the second statement, '5' is the code for 'aways'.

25. (c) 26. (d)

27. (b) 28. (a)

29. (d) Clearly, in the given coding system, we have :

$$2 = 2^2 + 1 = 5; 4 = 4^2 + 2 = 18; 6 = 6^2 + 3 = 39.$$

$$\text{So, } 10 = (10)^2 + 5 = 100 + 5 = 105$$

30. (d) In the code, the first letter is one step ahead, the second letter is two steps ahead and so on, of the corresponding letter in the word.