

## Coding Decoding for SBI PO Pre, IBPS PO Pre, SBI Clerk Mains, IBPS Clerk Mains, RRB Scale I Pre, LIC AAO and RRB Scale I Pre Exams.

Coding Decoding Quiz 50
Directions: Read the following information carefully and answer the questions given beside.
The below mentioned table represents some words and their codes. The codes are assigned on the basis of some pattern.

| Word | TRAINED | AVENGER | STARE |
| :---: | :---: | :---: | :---: |
| Code | 41 | 50 | 51 |

Column $A, B, C, D$ and $E$ shows some numerical values which form the codes for the words asked. You have to mark the column name as your answer in which the code for the asked word lies. The words are to be coded in the same manner which is followed by the codes mentioned in the first table.

| A | B | C | D | E |
| :---: | :---: | :---: | :---: | :---: |
| 41 | 52 | 38 | 65 | 26 |
| 03 | 33 | 22 | 29 | 50 |
| 10 | 59 | 25 | 06 | 20 |
| 47 | 87 | 93 | 51 | 44 |
| 19 | 31 | 58 | 57 | 37 |

For example: If answer for the word STARE is asked then it would be 'D'.

1. Identify the code for "MANDATE" belongs to which of the following?
A. A
B. B
C. C
D. D
E. E
2. The code for "PRECIOUS" belongs to which of the following?
A. A
B. B
C. C
D. D
E. E
3. The code for "MASSIVE" belongs to which of the following?
A. A
B. $B$
C. C
D. D
E. E
4. The code for "CLUMSY" belongs to which of the following?
A. A
B. B
C. C
D. D
E. E
5. The code for "YELLOW" belongs to which of the following?
A. A
B. B
C. C
D. D
E. E

| $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ |
| :---: | :---: | :---: | :---: | :---: |
| E | D | C | D | B |

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## Common explanation :

## Reference:

| Word | TRAINED | AVENGER | STARE |
| :---: | :---: | :---: | :---: |
| Code | 41 | 50 | 51 |

## Inference:

Let us analyze the logic behind the codes assigned to the above mentioned words.

TRAINED is coded as 41, here the logic is that Difference of sum of numerical value of consonants and sum of numerical value of vowels is taken.

The numeric value of the letters are calculated by considering $A$ as 1 and $Z$ as 26 .
$(T+R+N+D)-(A+I+E)$
$(19+20+18+14+7)-(1+9+5)$
$56-15=41$.
Likewise code for AVENGER is $(V+N+G+R)-(A+E+E)$
$(22+14+7+18)-(1+5+5)=50$
Similarly, code for STARE is $(19+20+18)-(5+1)$
$57-6=51$

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## Explanations:

1. The code for MANDATE using the below mentioned logic is
$(M+N+D+T)-(A+A+E)=(22+20+13+14)-(1+1+5)$
$51-7=44$

Hence option E is correct.
2. The code for PRECIOUS using the below mentioned logic is
$(P+R+C+S)-(E+I+O+U)=(16+18+3+19)-(5+9+15+21)$
$56-50=6$

Hence option D is correct.
3. The code for MASSIVE using the below mentioned logic is
$(M+S+S+V)-(A+E+I)=(13+19+19+22)-(5+9+1)$
$73-15=58$

Hence option C is correct.
4. The code for CLUMSY using the below mentioned logic is
$(C+L+M+S+Y)-(U)=(3+12+13+19+25)-(21)$
$72-21=51$

Hence option D is correct.
5. The code for YELLOW using the below mentioned logic is
$(\mathrm{Y}+\mathrm{L}+\mathrm{L}+\mathrm{W})-(\mathrm{E}+\mathrm{O})=(25+12+12+23)-(5+15)$
$72-20=52$

Hence option B is correct.

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