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Coding Decoding Questions for IBPS PO Pre, SBI PO Pre, IBPS Clerk Mains, RRB Scale I Pre, IBPS SO Pre, Canara Bank, Syndicate Bank and SBI Clerk Mains Exams.

Coding Decoding Quiz 48

Directions: Read the information carefully and answer the questions given below.

The below mentioned table represents some words and their codes. The codes are assigned on the basis of some pattern.

Word	STRANGE	EFFECT	DREAM
Code	72	25	29

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 above table.

A	B	C	D	E
49	72	38	61	26
30	33	22	29	50
10	59	25	66	20
47	87	93	35	40
19	31	84	57	37

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

1. Identify the code for "VITAMIN" belongs to which of the following?

- A. A B. B C. C D. D E. E

2. Identify the code for "PROOF" belongs to which of the following?

- A. A B. B C. C D. D E. E

3. Identify the code for "RATIFY" belongs to which of the following?

- A. A B. B C. C D. D E. E

4. Identify the code for "BRUTAL" belongs to which of the following?

- A. A B. B C. C D. D E. E

5. Identify the code for "SUPREME" belongs to which of the following?

- A. A B. B C. C D. D E. E

Correct Answers:

1	2	3	4	5
E	A	B	A	D

COMMON EXPLANATION :

Reference:

Word	STRANGE	EFFECT	DREAM
Code	72	25	29

Inference:

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

STRANGE is coded as 72, 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.

$$(S+T+R+N+G) - (A+E)$$

$$(19+20+18+14+7) - (1+5)$$

$$78 - 6 = 72.$$

Likewise code for EFFECT is $(F+F+C+T) - (E+E)$

$$(6+6+3+20) - (5+5) = 25$$

Similarly , code for DREAM is $(4+18+13) - (5+1)$

$$35 - 6 = 29$$

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ANSWERS :

1. The code for VITAMIN using the below mentioned logic is

$$(V+T+M+N) - (I+A+I) = (22+20+13+14) - (9+1+9)$$

$$69 - 19 = 50$$

Hence option E is correct.

2. The code for PROOF using the below mentioned logic is

$$(P+R+F) - (O+O) = (16+18+6) - (15+15)$$

$$40 - 30 = 10$$

Hence option A is correct.

3. The code for RATIFY using the below mentioned logic is

$$(R+T+F+Y) - (A+I) = (18+20+6+25) - (1+9)$$

$$69 - 10 = 59$$

Hence option B is correct.

4. The code for BRUTAL using the below mentioned logic is

$$(B+R+T+L) - (A+U) = (2+18+20+12) - (1+21)$$

$$52 - 22 = 30$$

Hence option A is correct.

5. The code for SUPREME using the below mentioned logic is

$$(S+P+R+M) - (U+E+E) = (19+16+18+13) - (21+5+5)$$

$$66 - 31 = 35$$

Hence option D is correct.



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