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Coding and decoding - Aptitude preparation Questions and Answers

·   If TSEREVE and NOITACUDE stands for EVEREST and EDUCATION, how will you code REDFORT

A   RECFORT

B   REDFNRT

C   REDFORT

D   RECFNRT

Answer: Option C
Explanation:
We can observe that the code is the reverse of the given word. The answer is obviously TROFDER which is the reverse of REDFORT

View Answer

1.   Find the missing terms: FRIEND : FPIBNZ : : MENTOR : _____.

A   MCNOQN

B   MCNQON

C   MNCNOQ

D   CMQNNO

Answer: Option B
Explanation:
```
 F   R   I   E   N   D
+0  -2  +0  -3  +0  -4

 F   P   I   B   N   Z
Similarly,
 M   E   N   T   O   R
+0  -2  +0  -3  +0  -4
 M   C   N   Q   O   N
```

View Answer

2.   Here are some words translated from an artificial language.
dionot means oak tree
blyonot means oak leaf
blycrin means maple leaf
Which word could mean "maple syrup"?

A   blymuth

B   hupponot

C   patricrin

D   crinweel

Answer: Option C
Explanation:
In this language, the adjective follows the noun. From dionot and blyonot, you can determine that 'onot' means oak. From blyonot and blycrin, you can determine that bly means leaf. Therefore, crin means maple. Because the adjective maple comes after the noun, patricrin is the only possible choice.

3. If PAINT is coded as 74128 and EXCEL IS CODED AS 93596 then how would you encode ACCEPT?

    A   455978

    B   547978

    C   554978

    D   735961

> **Answer:** Option A
>
> **Explanation:**
>
> Clearly, in the given code, the alphabets are coded as follows:
>
> P A I N T E X C E L
>
> 7 4 1 2 8 9 3 5 9 6
>
> Like   A C C E P T
>
>   4 5 5 9 7 8

4. 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, 6b' means 'Truth does not perish'. Which of the following means 'enmity' in that language?

    A   3a

    B   7c

    C   8b

    D   9a

> **Answer:** Option C
>
> **Explanation:**
>
> In the second and third statements, the common code 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'. So, in the second statements, '8b' means 'enmity'.

5. Which code should be replaced in the question mark ?

MILD:NKOH :: GATE : ?

    A   IBVJ

    B   HCWI

    C   KDXK

    D   ICWA

> **Answer:** Option B
>
> **Explanation:**
>
> Here, letters are coded by skipping letters in alphabetical order, I.e.., M = N (no skipping) I = (j) K (letters in the bracket are one\\'s skipped)L = (mn) OD = (efg) H The skipping pattern is -1, -2 and -3 Therefore , G A T E will be coded as H C W I.

6. If Sand is coded as Brick, Brick as House, House as Temple, Temple as Palace then where do you worship?

    A   Palace

    B   Temple

    C   Brick

    D   House

    E   None of these

> **Answer:** Option A

7. How many such pairs of letters are there in the word GUARDIAN each of which has as many letters between them in the word as in the English alphabet ?

    A   One

    B   Two

    C   Three

    D   More than three

Answer: Option C

View Answer

8. In a certain code language K is written as 11 and KEEP is written as 37. How will the word DRAFT be written in that code language?

    A   45

    B   49

    C   46

    D   48

Answer: Option B
Explanation:
K = 11 Position Number in English alphabet
E= 5 and P = 16
11+5+5+16 = 37
There fore, DRAFT =4 + 18 + 1 + 6 + 20 = 49

View Answer

9. If in code of alphabet AT = 20, BAT = 40 then CAT = ?

    A   A.34

    B   B.56

    C   C.40

    D   D.60

Answer: Option D

Explanation:
By considering A=1 B=2 .... T=20 .... Z = 26
We can say that
A × T = 1 × 20 = 20
B × A × T = 2 × 1 × 20 = 40
C × A × T = 3 × 1 × 20 = 60

View Answer

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