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## Mixed Reasoning for CGL Tier 1, SSC 10+2, CGL Tier 2 Exams.

## SSC Reasoning Quiz 3

Directions: Read the following questions carefully and choose the right answer.

1. Find the odd one out from the given alternatives
A. Baht
B. Cortes
C. Dirham
D. Leone
2. Find the odd one out from the given alternatives
A. 13-31
B. $71-88$
C. $45-54$
D. 16-61
3. Arrange the following in a meaningful sequence:
4. Hecto
5. Centi
6. Deca
7. kilo
5.Deci
A. $1,3,4,5,2$
B. $1,5,3,4,2$
C. $2,5,3,1,4$
D. $5,1,4,2,3$
8. From the following alternatives select the word which can't be formed by using the letters of the word.

PROSPECTIVE
A. RESET
B. VECTOR
C. PEPTIC
D. PEPPER
5. Pointing to a man in the photograph Bharti said, "He is the only son-in-law of the maternal grandfather of my mother's only daughter". How is Bharti related to the man in the photograph?
A. Sister
B. Mother
C. Sister-in-law
D. Daughter
6. In how many ways letters of the word "OPERATE" be arranged if it has to start with 0 and end with $E$ ?
A. 120
B. 60
C. 20
D. 240
7. Select the missing number from the given alternatives.

| 17 |  |
| :---: | :---: |
| 20 | 15 |
| 12 | 24 |
| 29 | 8 |
| 35 | $?$ |

A. 3
B. 6
C. 5
D. 1
8. Which of the following interchanges of signs would make the given equation correct? $24+6 \times 3 \div 3-1=14$
A. + and $\times$
B. $\times$ and -
C. $\div$ and +
D. - and $\div$
9. $G$ is the south of $A, G$ is to the east of $F$ and $F$ is to north of $Z$, then in which direction is $Z$ with respect to $A$ ?
A. South
B. West
C. South-West
D. South-East
10. The calendar for the year 2017 will be the same for which of the following year?
A. 2022
B. 2023
C. 2026
D. 2027

Correct Answers:

| $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ | $\mathbf{9}$ | $\mathbf{1 0}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | B | C | D | D | A | A | C | C | D |



## Explanations :

1. Except Cortes, all are currencies, Cortes is the parliament of Portugal.

Hence, Option B is correct.
2. Except in 71-88, in all others the digits are written in reverse order.

Hence, Option B is correct.
3. Centi - Deci - Deca - Hecto - kilo

Hence, Option C is correct.
4. As in the word 'PROSPECTIVE' we have only two P's, we therefore can't form 'PEPPER' (which have three $P$ `s) out of it.

Option D is hence the correct answer.
5.


Clearly, the person in the photograph is the father of Bharti.
Hence, Option D is correct.
6. If we fix O and E , then we are left with only 5 letters of word to arrange which can be done in 5 ! ways $=$ 120 ways.

Hence, Option A is correct.
7.

| $17+3=20$ | $17-2=15$ |
| :---: | :---: |
| $20+4=24$ | $15-3=12$ |
| $24+5=29$ | $12-4=8$ |
| $29+6=35$ | $8-5=3$ |

Hence, Option A is correct.
8. $24+6 \times 3 \div 3-1=14$

After changing the signs
$\Rightarrow 24 \div 6 \times 3+3-1=14$
$\Rightarrow 4 \times 3+3-1=14$
$\Rightarrow 12+3-1=14$
$\Rightarrow 15-1=14$
$\Rightarrow 14=14$

Hence, option C is correct.
9.


Clearly, $Z$ is to the south-west of $A$.
Hence, Option C is correct.
10.

| Year | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Odd day | 1 | 1 | 1 | 2 | 1 | 1 |

The odd day counting from 2017 is getting zero at 2022 as $1+1+1+2+2=7$ and remainder in $7 / 7=0$

Clearly, the same calendar year for 2017 will be $=2023$
Option B is hence the correct answer.


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