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Mixed reasoning questions for CGL tier 1 and SSC 10+2 exams

MIXED REASONING QUIZ 1

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

1. Select the related word from the given alternatives.

Asthma : Allergens : : Tuberculosis : ?

A. Viral infection B. Lungs infection C. Sputum

D. Bacteria

2. Select the related letters from the given alternatives.

RGS : NBM : : KUB : ?

A. PFW B. EPW C. EQV

D. WPF

3. Select the related numbers from the given alternatives.

85 : 55 : : 95 : ?

A. 65 B. 81 C. 72

D. 25

4. Select the related pair from the given alternative.

Edison : Light Bulb : : ?

A. Graham Bell : Airplane

B. Wright Brothers : Current

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C. Einstein : Braile

D. Pascal : Calculator

5. Find the odd one out from the given alternatives:

A. BDW B. FHS C. GIQ

D. IKP

6. Which of the following words will come at third place if they are arranged according to English Dictionary?

1. Sanitation 2.Sanguine 3.Sapling 4.Sanatorium 5. Sanitize

A. Sanitation B. Sanatorium C. Sanguine

D. Sapling

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7. Find the odd one out from the given alternatives:

A. 28 B. 56 C. 82

D. 46

8. M3Y N5W O8U P12S ?

A. Q16R B. Q17Q C. N17Q

D. Q17P

9. G is the husband of M. M is the sister-in-law of A. A is the son of O and B is the wife of O. How is G related to O?

A. Son-in-law B. Son C. Cousin

D. Brother

10. Three students are to be selected in two teams from a group of six students - Jaya, Amitabh, Rekha, Abhishek, Aishwarya, Salman, Vivek.

It is also known that:

Jaya and Amitabh cannot be in the same team .

Abhishek and Aishwarya must be selected together.

Salman and Vivek cannot be in the same team.

Who among the following must be in the team?

A. Jaya and Salman

B. Abishek and Aishwarya

C. Rekha and Vivek

D. Jaya and Aishwarya

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Correct answers:

1	2	3	4	5	6	7	8	9	10
D	D	A	D	C	A	B	B	B	B

Explanations:

1.

There is a relationship of disease and its pathogen.

Asthma is caused by **Allergens.**

Tuberculosis is caused by **Bacteria.**

Hence, option D is correct.

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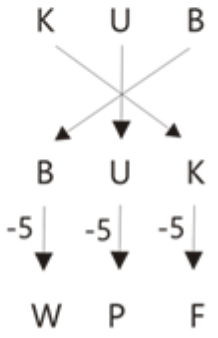
2.

Similarly,



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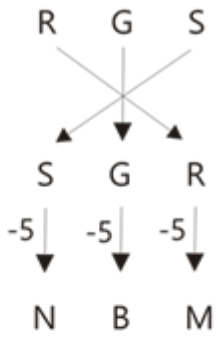
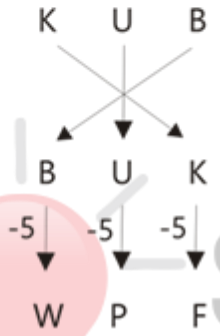


Similarly,



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Hence, option D is correct.

3.

The pattern follows as given below :

$85 = 8^2 - (8 - 5)^2 = 64 - 9 = 55$

Similarly, $95 = 9^2 - (9 - 5)^2 = 81 - 16 = 65$

Hence, option A is correct.

4.

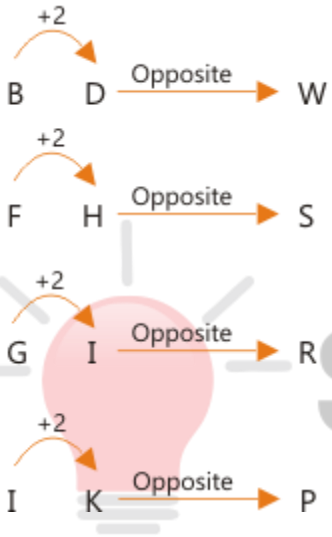
Edison : Light Bulb : : **Pascal : Calculator**

Given above analogy shows 'Inventor' and his or her 'Invention'.

Option D is hence the correct answer.

5.

In all other groups, the first element moves two steps forward to give the second element and third element occupies the same position from the other end of the alphabet as the second element does from the left end.



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Hence, the option C is odd one out here.

6.

Sanatorium(4) → Sanguine(2) → **Sanitation**(1) → Sanitize(5) → Sapling(3)

Hence, option A is correct.

7.

Except option (**B**), sum of the digits of the numbers in all other options is 10.

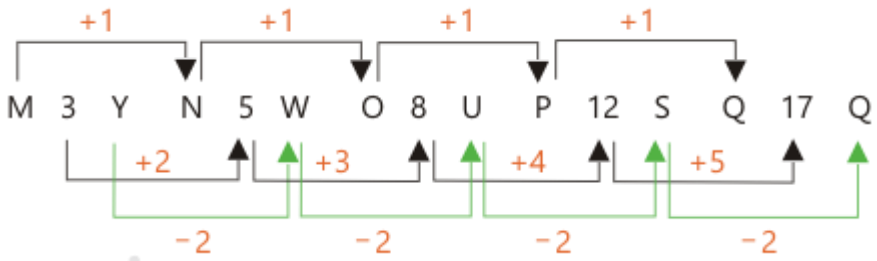
2 + 8 = 10, 7 + 3 = 10, 4 + 6 = 10

While, 5 + 6 = 11,

Hence option B is the odd one.

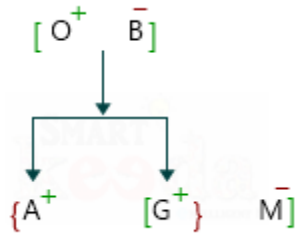
8.

The pattern of the series is:



Hence, option B is correct.

9.



Hence, option B is correct.

10.

As at least one of Jaya and Amitabh must be rejected and at least one of Salman and Vivek must be rejected, but both Abhishek and Aishwarya must be selected together.

Hence Abhishek and Aishwarya must be in one of the team.

Hence, option B is correct.

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