





- → Analogy is a comparison between one thing and another, typically for the purpose of explanation or clarification.
  - A thing which is comparable to something else in significant respects.
  - A process of arguing from similarity in known respects to similarity in other respects.
  - A process by which new words and inflections are created on the basis of regularities in the form of existing ones.
  - Analogy is a literary technique in which two unrelated objects are compared for their shared qualities.

Ex: Photosynthesis does for plants what digesting food does for animals.

- Importance of Analogy
- → Make abstract ideas mark concrete

These are some people – like teachers, professors, and technical writers – who explain difficult ideas for a living. It is a tough job. One way to make it easier is to draw analogies to things your readers or students are already families with. For ex: a biology teacher might explain the immune system by saying, 'what policeman do in a town, white blood cells do inside the body.

## Types of Analogy

- (i) Number Analogy
- (ii) Letter Analogy
- (iii) Word Analogy

e.g.

1. In the following question, select the related letter from the given alternatives.

EB: YD :: AD: ?

A. DP

B. AH

C. AP

D. XR

Ans: C Solution:

E is 5<sup>th</sup> alphabet in English, 5<sup>2</sup>=25<sup>th</sup> alphabet is Y

B is 2<sup>nd</sup> alphabet in English, 2<sup>2</sup>=4<sup>th</sup> alphabet is D

Same way

A is 1st alphabet in English ,12=1st alphabet is A

D is 4<sup>th</sup> alphabet in English ,4<sup>2</sup>=16<sup>th</sup> alphabet is P

So, correct answer is AP

2. In the following question, select the related letters from the given alternatives.

JHOF: MMXW:: KPLB:?

A. JKOW

B. NUUS

C. YEWN

D. POSK

Ans: B Solution:

JHOF =>MMXW

J => 2 alphabets skipped forward, M comes

H => 4 alphabets skipped forward, M comes

O => 8 alphabets skipped forward, X comes

F => 16 alphabets skipped forward, W comes



Same way,

KPLB=>

K => 2 alphabets skipped forward, N comes

P => 4 alphabets skipped forward, U comes

L => 8 alphabets skipped forward, U comes

B => 16 alphabets skipped forward, S comes

Thus, KPLB=>NUUS

3. In the following question, select the related word from the given alternatives.

Soap: cleaning :: chair : ?

A. Fiber

B. Wood

C. Sitting

D. Both A & B

Ans: C Solution:

Soap is used for cleaning something. Chair is used for getting seated. Hence, option C is the correct response.

4. In the following question, select the related word from the given alternatives.

Water :aquagaurd :: cloth : ?

A. Washing Machine

B. Detergent

C. Pot

D. Almirah

Ans: A Solution:

Water is cleaned by Aquaguard machine. In the same way cloth is cleaned in washing machine.

5. In the following question, select the related word from the given alternatives.

Lock: key :: TV : ?

A. Picture B.TV Desk
C. Remote Control D. Signal

Ans: C Solution:

To operate a lock, key is always necessary. Similarly, to operate TV, remote control is always necessary.

Hence, option C is the correct response.

## **Number Analogy**

## Typical relationships between the numbers

- One number is a multiple of other.
- One number is the square root of the other.
- One number is the cube or cube root of the other.
- The two numbers can be consecutive, even, odd or prime numbers.
- In letter analogy, the relationship is between 2 groups of letters on each side of the sign:
- In word analogy, there is a certain relationship between the 2 given words on one side of `::' and one word is given on the other side.



It can be understand by following examples-

1. In the following question, select the related number from the given alternatives.

64:2::?:3

A. 216

B. 200

C. 168

D. 98

Ans: A Solution:

64, cube root of 64 is 4 =half of 4 is 2 = > 4/2 = 2

216, cube root of 216 is 6 = half of 6 is 3 = > 6/2 = 3

Hence, option A is the correct response.

2. In the following question, select the related number from the given alternatives.

59:45::63:?

A. 19

B. 28

C. 56

D. 18

Ans: D Solution:

59 =>5×9=45

63=>6×3=18

Hence, option D is the correct response.

3. In the following question, select the related number from the given alternatives.

247:42::619:?

A. 54

B. 63

C. 70

D. 48

Ans: B Solution:

 $247 => (2+4) \times 7 = 42$ 

 $619 \Rightarrow (6+1) \times 9 = 63$ 

Hence, option B is the correct response.

4. In the following question, select the related number from the given alternatives.

628 : 96 :: 374 : ?

A. 16

B. 84

C. 51

D. 28

Ans: B Solution:

 $6 \times 2 \times 8 = 96$ 

 $3 \times 7 \times 4 = 84$ 

Hence, option B is the correct response.

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