

Analogy

Analogy is a cognitive process where one understands or solves a problem by drawing parallels or comparisons between the problem at hand and a similar situation or concept. Analogies involve identifying the underlying relationships and mapping them from one domain to another. This method of reasoning can be used in various fields, such as problem-solving, decision-making, learning, and communication.

In essence, analogy relies on the idea that if two things share certain similarities, they may also share other, unknown similarities. This process allows for the transfer of knowledge from one context to another, facilitating understanding and creative thinking. For example, if you want to explain how an electrical circuit works to someone unfamiliar with the concept, you might use the analogy of water flowing through pipes, as it shares some similarities in terms of flow, pressure, and resistance.

Analogy Types:

We now know what the questions in the Analogy portion are about. Let's take a look at the many types of queries that might be asked one by one.

1. Analogy based on letters/words:

A pair of letters or words are presented in a certain likeness between them in this form of analogy. Another word or letter with similar characteristics is also supplied. Candidates must determine the similarities between the first two words and select the word from the alternatives that has the same similarities to the “?” as the first two.

Addition/ Subtraction/ Multiplication with constant numbers, Reverse letter of constant numbers, and so on are examples of letter-based analogies.

2. Analogy based on numbers/numerical analogy:

A pair of numbers are presented in a certain likeness between them in this type of analogy. Another number is supplied with similar characteristics. Candidates must determine the similarities between the first two numbers and select the number from the options that has the same relationship to the “?” as the first two.

Addition/ Subtraction/ Multiplication with constant numbers, Square/Cube of constant numbers, Operation of Sum of the Digits, and so on are examples of number-based analogies.

3. Analogy based on letters and numbers (Mixed Analogy):

A mixed pair of numbers and letters are supplied in a certain likeness between them in this type of analogy. Another mixed pair of numbers and letters with the same similarities is also offered. Candidates must identify the similarities between the first two pairs and select the pair from the options that has the same similarities to the “?” as the first two.

Addition/Subtraction with Letters and Numbers, Place Value Operation, and so on are examples of letter and number based analogies.

4. Analogy based on images:

A pair of Images are supplied in a specific likeness between them in this form of analogy . Another image with comparable features is also provided. Candidates must identify the similarities between the first two images and select the proper image from the options that has the same “?” similarities as the first two.

5. Analogy based on general knowledge:

A pair of words are supplied in a certain likeness between them in this form of analogy . Another word with comparable meanings is also supplied. Candidates must identify the similarities between the first two words and select the proper word from the options that have the same similarities to the “?” as the two first.

Country/State and Capital/Currency, Instrument and Measurement, Individual and Group, Word and Synonym/Antonym, and so on are examples of general knowledge analogies.

How to Answer an Analogy-Based Question:

Step 1: To solve problems in the Analogy reasoning portion, candidates must have a good command of the English language.

Step 2: Carefully read the question and determine the link between them before selecting the correct answer.

Analogy Questions

Given below are solved logical reasoning analogy questions to help improve your understanding of them:

Question 1: EL : HJ :: DY : ?

Solution:

$$E(5) + 3 = H(8) \text{ and } L(12) - 2 = J(10)$$

$$\text{Similarly, } D(4) + 3 = G(7) \text{ and } Y(25) - 2 = W(23)$$

Hence, GW will replace the question mark

Question 2: RJ : IQ :: DH : ?

Solution:

R – I (Reverse Letter of R is I) and J – Q (Reverse Letter of J is Q)

Similarly, D – W (Reverse letter of D is W) and H – S (Reverse letter of H is S)

Hence, WS will replace the question mark.

Question 3: ACFJ : ZXUQ :: ELHK : ?

Solution: The pattern followed here is given below.

Alphabet	Positional Value	Positional Value	Alphabet
A	1	26	Z
B	2	25	Y
C	3	24	X
D	4	23	W
E	5	22	V
F	6	21	U
G	7	20	T
H	8	19	S
I	9	18	R
J	10	17	Q
K	11	16	P
L	12	15	O
M	13	14	N

Each letter of the first term forms a reverse pair with the corresponding letter of the second term.

Hence, the correct answer is 'VOSP'

EXERCISE

Directions (1-5): In each of the following questions find out the alternative which will replace the question mark.

1. CUP : LIP :: BIRD : ?

- A. BUSH
- B. GRASS
- C. FOREST
- D. BEAK

2. Flow : River :: Stagnant : ?

- A. Rain
- B. Stream
- C. Pool
- D. Canal

3. Paw : Cat :: Hoof : ?

- A. Lamb
- B. Elephant
- C. Lion
- D. Horse

4. Ornithologist : Bird :: Archaeologist : ?

- A. Islands
- B. Mediators
- C. Archaeology
- D. Aquatic

5. Peacock : India :: Bear : ?

- A. Australia
- B. America
- C. Russia
- D. England

Answer Key

1. D

2. C

3. D

4. C

5. C

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