

QUESTIONS OF THE WEEK

ANALYTICAL REASONING

Passage: Read the passages carefully and answer the questions.

If $a + b$ means a is sister of b

$a - b$ means a is brother of b

$a \times b$ means a is daughter of b

$a \div b$ means a is mother of b

QUESTIONS OF THE WEEK

ANALYTICAL REASONING

1. Which of the following relationship shows that I and n are wife and husband?
- (a) $I \div m \times n$
 - (b) $I - m \times n$
 - (c) $I + m \times n$
 - (d) None of these

QUESTIONS OF THE WEEK

ANALYTICAL REASONING

2. How many females does this relationship shows?

$$l + m - n + o - p \times q$$

- (a) 2
- (b) 3
- (c) 4
- (d) Can't be determined

QUESTIONS OF THE WEEK

ANALYTICAL REASONING

3. The relationship $p + q - r \times s \div t$ shows that
- (a) p, q, r, s are children of t
 - (b) p, q, r, t are children of s
 - (c) p, q, r, are children of t and s
 - (d) p, q, r, s, t are all siblings

QUESTIONS OF THE WEEK

ANALYTICAL REASONING

4. The relationship '+' shows that
- (a) Brother
 - (b) Sister
 - (c) Mother
 - (d) Can't be determined

QUESTIONS OF THE WEEK

ANALYTICAL REASONING

1. **Answer: A**

Sol. Go through the options, $l \div m$ means l is the mother of m . $m \times n$ means m is the daughter of n . Thus, m must be the daughter of l and n . Hence, (a) is the correct option.

2. **Answer: D**

Sol. $l + m - n + o - p \times q$ can be read as l is the sister of m , m is the brother of n , n is the sister of o , o is the brother of p and p is the daughter of q . Thus, l , n and p are females, m and o are males and we do not know about q 's sex. Hence, we cannot be sure about the number of females in this relationship string. Hence, option (d) is correct.

3. **Answer: B**

Sol. $p + q - r \times s \div t$ reads as: p is the sister of q , q is the brother of r , r is the daughter of s and s is the mother of t . Thus, option (b) is correct.

4. **Answer: B**

Sol. The hence answer option (b) Sister