BRAIN INTERNATIONAL SCHOOL

Class -V   **AUGUST 2024**

TOPIC : MORE ABOUT OPERATION ON NUMBERS

NAME:_____ CLASS:_____ SEC:_____ DATE:_____

Q-1 Fill in the blanks:

a) The method of solving problems by finding the value of 1 unit is called _____ method.
b) _____ is the first operation to be performed in a numerical expression.
c) There are _____ minutes in a year.

Q-2 Write the golden rule for solving multiple operations with its full form.

_____
_____
_____

Q-3 Simplify:

a) $3 \times 2 + 39 \div 3$ b) $74 \div 2 \times 2 + 19 - 30$

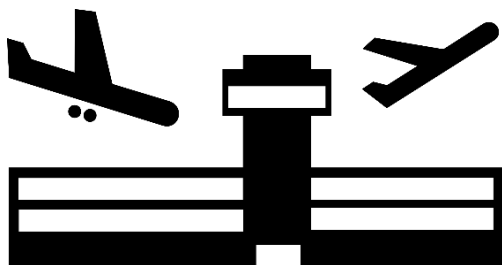Q-4 What is 5 less than twice the quotient of 24 and 6.

Q-5 Ram has 60 balls. He shared them equally with his 9 friends. He also gives 2 balls to his sister . How many balls are left with him now?

Q-6 The difference between the product and the quotient of 81 and 9 is added to 20. What number do you get?

Q-7 A herd of 45 cattle can graze a field in 13 days. How many of them can graze the same field in 9 days?

Q-8 During a normal day, there are 280 planes taking off from the airport, but the airport is a lot busier during Christmas. During the Christmas holidays, about 336 planes take off every day from the airport.

During the Christmas holidays, how many planes take off from this airport in each hour?

ASSERTION AND REASONING

DIRECTION : In the following questions, a statement of **Assertion (A)** is followed by a statement of **Reason (R)** . Choose the correct option.

   a) Both Assertion and Reason are true and Reason is a correct explanation of Assertion.
   b) Both Assertion and Reason are true and Reason is not a correct explanation of Assertion.
   c) Assertion is true but Reason is false.
   d) Assertion is false but Reason is true.

Q-9 **Assertion (A)**: If a numerical expression has multiplication and division then multiplication has to be solved first.

Reason(R): According to the DMAS rule, the sequence of solving operations

   should be Division, Multiplication, Addition and Subtraction.

Q-10 **Assertion (A)**: If cost of 10 apples is ₹100 , so the cost of 1 apple will be ₹10.

   Reason(R): The method of solving operations by finding the value of 1 unit is

   called unitary method.

Q-11

Determine the mathematical operation needed to make the equation true. Write your answer in the space provided. Choose from addition, subtraction, multiplication or division.

1. 35 ◯ 7 ◯ 9 = 45   2. 79 ◯ 14 ◯ 7 = 72

3. 96 ◯ 8 ◯ 4 = 48   4. 13 ◯ 5 ◯ 23 = 42