

SUMMATIVE ASSESSMENT - I - 2022 - 2023  
MATHEMATICS

(English Medium)

Part - A &amp; B

(Max. Marks : 80)

Class : VIII

## Instructions

1. The time allotted to read and understand the questions is 15 minutes. You have 1 hour 30 mins to write the answers.
2. Write the answers to the questions given in Part - A in the answer sheet provided to you.
3. Write the answers to the questions belonging to Part - B in the space provided in the question paper and attach it to the Part - A answer sheet.

Marks : 70

PART - A

SECTION - I

[Time : 2 Hr

7 x 2 = 14]

Note : 1) Solve all the given problems.

2) Each question carries 2 marks.

1. Write the additive inverse of  $\frac{4}{7}$   $-\frac{4}{7}$   $+\frac{4}{7}$
2. What number should be added to  $\frac{1}{12}$  to get  $\frac{1}{12}$  ?  $-\frac{1}{12}$
3. Find 'x' in the adjoining figure



## SECTION - II

Note :

1) Solve all the problems.

2) Each problem carries 4 marks.

6 x 4 = 24]

8. Note the property involved in the following examples.

Commutative

i)  $\frac{1}{2} + \frac{2}{3} = \frac{2}{3} + \frac{1}{2}$

Additive Identity

ii)  $\frac{1}{2} + 0 = 0 + \frac{1}{2}$

iii)  $\left(\frac{-8}{5}\right) \times 1 = 1 \times \left(\frac{-8}{5}\right)$

Associative

iv)  $\frac{5}{6} + \left(\frac{-5}{6}\right) = 0$  Additive Inverse

9. Sum of two numbers is 95. If one exceeds the other by 15. Find the numbers ?  $40, 55$

10. A car travels 432 km on 48 litres of petrol. How far would it travel on 150 litres of petrol ?  $1350$

11. Find the least number of square tiles

# Answer key

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