

Standard 6
MATHS

Time: 1.30 Hrs.

Marks: 30

I. Choose the correct answer: $2 \times 1 = 2$

- 1) The difference between the successor and the predecessor of 99999 is
a) 90000 b) 1 c) 2 d) 99001
- 2) The number of days in 'w' weeks is
a) $30+w$ b) $30w$ c) $7+w$ d) $7w$

II. Fill in the blanks: $2 \times 1 = 2$

- 3) $45 \div (7+8) - 2 = \underline{\hspace{2cm}}$
- 4) The algebraic statement of 'f decreased by 5' is $\underline{\hspace{2cm}}$

III. Say True or False: $2 \times 1 = 2$

- 5) 0 is the identity for multiplication of whole numbers.
- 6) 5:7 is equivalent to 21:15

IV. Answer any five of the following: $5 \times 2 = 10$

- 7) Write the number name of the following numerals in the Indian system: (i) 75, 32, 105 (ii) 9, 75, 63, 453
- 8) Arrange the following numbers in the descending order
128435, 10835, 21354, 6348, 25840
- 9) Simplify: $(10+17) \div 3$
- 10) Estimate by rounding off each number to the nearest hundred
 $8074 = 4178$
- 11) Express the following verbal statement to algebraic statement
a) 't' is added to 100 b) 4 times 'q'
- 12) Express the following algebraic statement to verbal statement
(i) $3y$ (ii) $2p-5$
- 13) Find the ratio of 500 g to 250 g
- 14) Give two equivalent ratios for each of the following 1:6

V. Answer any three questions: $3 \times 3 = 9$

- 15) Write the number names in words using the International System
(i) 8, 343, 710 (ii) 103, 456, 789
- 16) Simplify: $24+2 \times 8 \div 2-1$.
- 17) Use the properties of whole numbers and simplify:
 $500 \times 689 - 500 \times 89$
- 18) What is the value of 's', if $2s-6$ gives 30?
- 19) A line segment 63 cm long is to be divided into two parts in the ratio 3:4. Find the length of each part.

VI. Answer any one of the following: $1 \times 5 = 5$

- 20) Construct a line segment using ruler and compass:

(i) $\overline{AB} = 7.5 \text{ cm}$ (OR) (ii) $\overline{OR} = 10 \text{ cm}$

Kindly send me your study materials to padasalai.net@gmail.com