9ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

2nd Term Test – 2019

Sub : Arithmetic **Class** : 4 A, B & C **F.M.** : 45

Duration : 1.30 mins **Model Answers** **Date** : 05.08.2019

(Marks will be deducted for untidy work and work not done in systematic manner).

SECTION - A

1. Fill in the blanks: (10 X 1=10)

a) How many sevens in 56 __8__

b) The greatest 5- digit number is __99999__

c) How much more than 23 is 9 x 9 = __58__

d) The smallest even number. __2__

e) 15497 X 0 = __0__

f) 140 – (5 X 6 X 4) = __20__

g) 10 x 10 x 10 = __1000__

h) 95 tricycles have __285__ wheels.

i) Add $\frac{1}{2}$ dozen to $\frac{1}{2}$ score = __16__

j) Add 13 six times __78__

SECTION - B

2. Reduce the Fraction to its lowest terms. (2)

$\frac{121}{143}$ (Cancel by 11)

Ans:- = $\frac{11}{13}$

3. Find the following: (3)

$3\frac{2}{5}$ X $6\frac{1}{7}$

= $\frac{17}{5}$ x $\frac{43}{7}$

= $\frac{731}{35}$

_Ans: = $20\frac{31}{36}$

4. Find the H.C.F of the following by prime factorisation method. (3)

15, 52, 65

Ans: 1

5. Find the L.C.M. of the following by finding the common prime factors: 48, 80, 112

Ans:1680   (2)

6. Solve the sum:

$$\frac{12}{49} \div \frac{3}{7}$$

$$\frac{12}{49} \times \frac{7}{3} \text{ (cancel by 3 and 7)}$$

Ans: $\frac{4}{7}$ (3)

7. Find the value of the following sum: (2)

$\frac{6}{11}$ of 88 (cancel by 11)

Ans:48

SECTION - C

8. Find the sum:-   (4)

$$4\frac{3}{4} + 2\frac{1}{12} + 5\frac{2}{3}$$

Ans: $12\frac{1}{2}$

9. Simplify :-   (4)

$$5\frac{1}{7} \div 2\frac{2}{9}$$

Ans: $2\frac{11}{35}$

10. Arrange in descending order;-   (4)

$$\frac{3}{17}, \frac{5}{21}, \frac{4}{19}, \frac{6}{11}$$

Ans: $\frac{6}{11}, \frac{5}{21}, \frac{4}{19}, \frac{3}{17}$

11. Solve the following:-   (2x4=8)

a) Meena lives $2\frac{7}{9}$ km far from her school and Asha lives $1\frac{5}{8}$ km far from the same school. Who lives farther from the school and by how many kilometres?

Ans: Meena lives $2\frac{7}{9}$ km far from her school $=\frac{25}{9}$ Km

Asha lives $1\frac{5}{8}$ km far from the same school $=\frac{13}{8}$ Km

Therefore Meena lives far $=\frac{25}{9}$ Km $-\frac{13}{8}$ Km

$$=\frac{(8\times25)-(9\times13)}{72}$$

$$=\frac{200\ -117}{72}$$

$$=\frac{83}{72}$$

$$=1\frac{11}{72}\ \text{Km}.$$

Ans = Meena lives farther from the school by $1\frac{11}{72}$km

b) 5 buses carry 325 passengers. How many passengers can be carried by 8 such buses?

5 buses carry 325 passengers.

1 bus carries $\frac{325}{5}$ passengers

Therefore 8 buses carry $=\frac{325\times8}{5}$ passengers. (Cancel by 5)

$$= 65 \times 8 = 520 \text{ passengers.}$$

Ans: 8 buses carry 520 passengers.