ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA- 700019

CLASS – IV TERM – SECOND SUBJECT- ARITHMETIC WORKSHEET – 11 TOPIC – FRACTIONS DATE – 15.05.2020

1. **Check whether following fractions are equivalent or not:**
   a) $\frac{4}{7}, \frac{3}{10}$
   b) $\frac{2}{5}, \frac{6}{15}$
2. **Compare the pair of fractions by cross multiplication.**
   a) $\frac{5}{7}, \frac{4}{13}$
   b) $\frac{7}{18}, \frac{6}{14}$
3. **Find the greatest and the smallest fractions.**
   a) $\frac{8}{17}, \frac{8}{13}, \frac{8}{21}, \frac{8}{9}$ b) $\frac{6}{15}, \frac{8}{15}, \frac{11}{15}, \frac{13}{15}$
4. **Convert to like fractions and compare.**
   a) $\frac{6}{7} \square \frac{5}{8}$ b) $\frac{4}{6} \square \frac{7}{9}$
5. **Write equivalent fractions of $\frac{12}{20}$ with**
   a) Denominator 5
   b) Numerator 24
6. **Express the following improper fraction as mixed numbers:**
   a) $\frac{18}{5}$ b) $\frac{23}{4}$
7. **Express the following mixed numbers as improper fraction:**
   a) $7\frac{2}{3}$ b) $9\frac{4}{5}$
8. **Reduce the following fractions into their lowest forms.**
   a) $\frac{55}{99}$ b) $\frac{15}{48}$
9. **Add and reduce to the lowest forms.**
   a) $\frac{4}{7} + \frac{2}{8}$ b) $\frac{4}{9} + \frac{2}{6}$
10.
    a) **Sam bought $2\frac{1}{2}$ kg of sugar from one shop and $6\frac{2}{3}$ kg of sugar from the other shop. How much sugar did he buy in all?**
    b) **Ron walked $3\frac{3}{4}$ km on Monday, $4\frac{1}{3}$ km on Tuesday. What distance did he walk in all?**

Abir Panja