## STANDARD 5$^{TH}$: CHAPTER 5

## Fractions

Q. 1–5 Write following fractions in reduced form.

1) $\dfrac{6}{9}$ =          2) $\dfrac{45}{36}$ =          3) $\dfrac{72}{126}$ =

4) $\dfrac{152}{95}$ =          5) $\dfrac{222}{185}$ =

Q. 6-10 Convert given fractions into like fractions.

6) $\dfrac{3}{4}$ , $\dfrac{5}{8}$          7) $\dfrac{3}{5}$ , $\dfrac{3}{7}$          8) $\dfrac{2}{9}$ , $\dfrac{1}{6}$

9) $\dfrac{5}{6}$ , $\dfrac{4}{5}$          10) $\dfrac{4}{5}$ , $\dfrac{3}{10}$

Q.11-15 Fill in proper number in the box.

11) $\dfrac{1}{2}$ , $\dfrac{\Box}{20}$          12) $\dfrac{3}{4}$ , $\dfrac{15}{\Box}$          13) $\dfrac{9}{11}$ , $\dfrac{18}{\Box}$

14) $\dfrac{72}{54}$ , $\dfrac{36}{\Box}$

15) $\dfrac{2}{5}$ , $\dfrac{10}{\Box}$

Q.16-20 Write proper symbols in the box.

16) $\dfrac{2}{9}$ ▢ $\dfrac{4}{18}$

17) $\dfrac{3}{8}$ ▢ $\dfrac{9}{24}$

18) $\dfrac{4}{7}$ ▢ $\dfrac{15}{28}$

19) $\dfrac{5}{12}$ ▢ $\dfrac{11}{24}$

20) $\dfrac{5}{9}$ ▢ $\dfrac{23}{45}$

Q.21 find largest & smallest fraction in each group.

$\dfrac{35}{14}$, $\dfrac{35}{17}$, $\dfrac{35}{16}$, $\dfrac{35}{9}$

Q.22 find largest & smallest fraction in each group.

$\dfrac{5}{8}$, $\dfrac{3}{5}$, $\dfrac{7}{12}$

Q.23 find largest & smallest fraction in each group.

$\dfrac{7}{13}$, $\dfrac{5}{11}$ $\dfrac{6}{12}$, $\dfrac{11}{20}$

Q.24 find largest & smallest fraction in each group.

$\dfrac{15}{13}$, $\dfrac{10}{13}$, $\dfrac{12}{13}$, $\dfrac{14}{13}$

Q.25 find largest & smallest fraction in each group.

$\dfrac{1}{2}$, $\dfrac{2}{3}$, $\dfrac{3}{4}$, $\dfrac{4}{5}$, $\dfrac{5}{6}$

Q. 26 - 35 Simplify

26) $\dfrac{15}{7} + \dfrac{6}{7}$

27) $\dfrac{18}{7} - \dfrac{3}{7}$

28) $\dfrac{7}{8} + \dfrac{3}{4}$

29) $\dfrac{7}{8} - \dfrac{3}{4} + \dfrac{5}{6}$

30) $\dfrac{14}{9} + \dfrac{2}{3} - \dfrac{5}{6}$

31) $\dfrac{5}{2} - \dfrac{2}{3} - \dfrac{7}{6}$

32) $\dfrac{5}{6} + \dfrac{9}{4} + \dfrac{4}{3}$

33) $2\dfrac{3}{4} + 1\dfrac{2}{3} + 5\dfrac{5}{6}$

34) $3\dfrac{7}{9} + 5\dfrac{2}{3} - 4\dfrac{5}{12}$

35) $8 - 3\dfrac{2}{5} - \dfrac{27}{10}$

Q.36 If 5/8 th of a number is 75, find number

Q.37 15 times a number is 4/3rd of 360. Find number.

Q.38 27 lit petrol fIlled in a Car tank is 3/4th of its capacity. How much more petrol will full the tank?

Q.39 Meena read a book in 5 days. She read 1/4th pages on 1st day, 1/5th on 2nd day, 1/6th on 3rd day, 4/15th on 4th day & remaining 28 pages on 5th day.
How many pages the book has?

Q.40 Ashok received Rs. 28,800/- as salary. He spent 1/12th on house rent, 3/8th for articles, 4/15 th on Children education, 1/9th to purchase clothes, 1/36th on entertainment. He deposited remaining amount in bank. How much did he save?