CHAPTER -9 (Fractions)

TEST

1. Convert the following into improper fractions:

   a) $4\dfrac{2}{3}$ b) $7\dfrac{2}{5}$

2. Write '<', '>', '=' for the following fractions:

   a) $\dfrac{15}{7}$ —— $\dfrac{5}{7}$ b) $\dfrac{25}{47}$ —— $\dfrac{15}{47}$

3. Find the equivalent fractions of 1/3 with-

a) numerator 11   b) denominator 18

4. Find if 3/4 and 75/100 are equivalent fractions or not?

5. What number will replace the "?" mark:

   $$\dfrac{5}{11} = \dfrac{105}{?}$$

6. Write the next four equivalent fraction for :

   $\dfrac{12}{13}, \dfrac{24}{26}, \dfrac{36}{39}, \text{—}, \text{—}, \text{—}, \text{—}$

7. Find the equivalent fraction of $\dfrac{13}{15}$ with denominator as 90.

8. Encircle the set of Proper fractions –

   a) $\dfrac{5}{8}, \dfrac{3}{5}, \dfrac{18}{7}, \dfrac{11}{17}$ b) $\dfrac{7}{8}, \dfrac{3}{10}, \dfrac{23}{7}, \dfrac{15}{21}$

9. Subtract the following fractions:

   $\dfrac{126}{150} - \dfrac{73}{150}$

10. Check whether the following fraction is equivalent or not:

    $\dfrac{12}{18} \ and \ \dfrac{22}{15}$

11. Convert the following Improper fractions into mixed number:

a) $\dfrac{38}{10}$ b) $\dfrac{27}{14}$

12. When $\dfrac{36}{48}$ reduced to lowest term to be _____.

13. Convert the following mixed number into improper fraction:

$4\dfrac{3}{8}$

14. What is an Unit Fraction? Give an example.

15. What will be placed in the question mark:

$\dfrac{22}{15} = \dfrac{?}{120}$

16. Complete the pattern for:

$\dfrac{8}{9}, \dfrac{16}{18}, \text{—}, \text{—}, \text{—}, \text{—},$

17. Subtract the following fractions:

$4\dfrac{2}{5} - 4\dfrac{1}{5}$