# CLASS –VII

**Maths**                                                    **Date:-20/04/2020**

## CHAPTER 2 - FRACTIONS

- ➢ **Watch the online videos "Fraction and Decimals -Lecture 2 & 3" from Optimum Online E-Learning Platform    and try to comprehend the concepts of Frctions. After that try to  solve the questions given in your assignment.**

- ➢ **Fraction and Decimals -Lecture 2**
- ➢ **Fraction and Decimals -Lecture 3**

1. Find the sum:
   i. $(5/9)+(3/9)$
   ii. $(8/9) + (7/12)$
   iii. $[3(4/5)] + [2(3/10)] + [1(1/15)]$

2. Find the difference:
   i. $(5/7) – (2/7)$
   ii. $(5/6) – (3/4)$
   iii. $[3(1/5)] – (7/10)$
   iv. $[ 3(3/10)] – [1(7/15)]$

3. Simplify:
   i. $(2/3) + (5/6) – (1/9)$
   ii. $8 – [4(1/2)] – [2(1/4)]$
   iii. $[8(5/6)] – [3(3/8)] + [1(7/12)]$

4. Aneeta bought $[3(3/4)]$ kg apples and $[4(1/2)]$ kg guava. What is the total weight of fruits purchased by her?

5. Find the product:
   i. (3/5) × (7/11)
   ii. (5/8) × (4/7)
   iii. (4/9) × (15/16)
   iv. (2/5) × 15
   v. [5(5/6)] × [1(5/7)]
6.   Simplify:
   i. (2/3) × (5/44) × (33/35)
   ii. (12/25) × (15/28) × (35/36)
   iii. (10/27) × (28/65) × (39/56)
   iv. [3(1/16)] × [7(3/7)] × [1(25/39)]
   v. [2(2/17)] × [7(2/9)] × [1(33/52)]

7. Apples are sold at ₹ [48(4/5)] per kg. What is the cost of [3(3/4)] kg of apples?

8. Cloth is being sold at ₹ [42(1/2)] per meter. What is the cost of [5(3/5)] meters of this cloth?

9. A car covers a certain distance at a uniform speed of [66(2/3)] km per hour. How much distance will it cover in 9 hours?

10. One tin holds [12(3/4)] liters of oil. How many liters of oil can 26 such tins hold?