GIRLS' HIGH SCHOOL & COLLEGE, PRAYAGRAJ
SESSION – 2020-21
Class -6 (A, B, C, D, E, F)
Subject: MATHEMATICS PROJECT

(Instructions**:** Parents are expected to ensure that the child goes through the examples given in the link below and takes help of books or internet to solve the questions. The project can be done in any notebook/loose sheets. The child can also refer to:
https://www.ncertbooks.guru/selina-concise-mathematics-class-6-icse-solutions-chapter-14/,
https://www.ncertbooks.guru/selina-concise-mathematics-class-6-icse-solutions-chapter-23/)

TOPIC I: Fractions

Answer the following questions:

1. Arrange the given fractions in ascending order of magnitude:
   i. 5/6, 2/7, 8/9, 1/3 (Hint : First change into like fractions)
2. Reduce the given fractions to their lowest terms :
   i. 8/10
   ii. 18/81
   (Hint: Divide the numerator and denominator by the Highest Common Factor)
3. Simplify : (Using BODMAS)
   i. 1/2 of 1/3 x 3/4
   ii. (2/3 + 5/9) -1/3

TOPIC II: Fundamental Concepts (Geometry)

Answer the following questions:

1. Correct the statement if it is wrong -
   i. A ray can be extended infinitely on either side.
   ii. A line has two end points.
   iii. The intersection of two planes is a straight line.
   iv. Three points are said to be collinear, if they lie in the same plane.
2. Define and draw the following -
   i. Parallel Lines
   ii. Intersecting Lines
   iii. Concurrent Lines

THE END