GIRLS' HIGH SCHOOL & COLLEGE, PRAYAGRAJ
SESSION – 2020-21
Class -6 (A, B, C, D, E, F)
Subject: MATHEMATICS PROJECT - 2

(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 refer to:

https://www.ncertbooks.guru/selina-concise-mathematics-class-6-icse-solutions-chapter-16/)

TOPIC : PERCENT

Answer the following questions:

1. Express each of the following as percentage:

    i. 5/6   ii) 0.02

    [**Hint** - Converting a given fraction or decimal into percentage: Multiply the given fraction or decimal by 100 and at the same time write the sign of percentage]

2. Express as decimal fractions:

    i. 25%

    ii. 4.5%

    [**Hint -** Converting a given percentage into a fraction or decimal: Remove the sign of percentage and at the same time divide by 100.Then reduce the resulting fraction obtained to its lowest terms or decimals as required.]

3. Express the first quantity as a percentage of the second:

    i. 500gm, 6kg

    ii. 42 seconds, 6 minutes

    [**Hint -** Expressing one quantity (number) as a percentage of the other:

    Divide the first quantity by the second one and at the same time multiply the result by 100%

    -   Percentage has no unit.
    -   In order to express one quantity as a percentage of another quantity, the two quantities must have the same unit.]

4. A class contains 25 children, of which 6 are girls. What percent of the class are boys?
    [**Hint -** Percentage=___Value___ x 100]
                           Total Value

5. A boy got 60 out of 80 in Hindi, 75 out of 100 in English and 65 out of 70 in Mathematics. In which subject is his percentage of marks the best? Also, find his overall percentage.

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