

GIRLS' HIGH SCHOOL & COLLEGE, PRAYAGRAJ

SESSION:2020-21

CLASS: 8 (A,B,C,D & E)

MATHEMATICS PROJECT -II

Instructions: Students are suggested to refer the previous class book of Mathematics. Students can use loose sheets or any type of note book for making the project. The project must be done neatly.

TOPIC: CONSTRUCTIONS

(Using ruler and compasses only)

Question 1. Draw an angle $ABC = 30^\circ$. Draw the bisector of it.

Question 2. Construct a rectangle ABCD if $AB = 5.0\text{cm}$ and $BC = 3.5\text{cm}$.

Question 3. Construct a square ABCD if side $AB = 4.5\text{cm}$.

Question 4. Construct a quadrilateral ABCD if $AB = 4\text{cm}$, $BC = 3.6\text{cm}$, $CD = 3.5\text{cm}$, $AD = 3\text{cm}$ and angle $DAB = 60^\circ$.

Question 5. Construct a quadrilateral ABCD if $AB = 4\text{cm}$, $BC = 3.8\text{cm}$, $CD = 3.5\text{cm}$, $AD = 4.2\text{cm}$ and diagonal $AC = 5.5\text{cm}$.

END