

Girls' High School and College, Prayagraj

Session 2020 – 2021

CLASS - 12 B & C

MATHS PROJECT

Dear Parents : KINDLY NOTE -Students have to make a project on Mathematics on the given topics .For that the students should go through the following instructions.

INSTRUCTIONS : To be written in the project file with diagrams (wherever required) to be drawn on the left side and writing matter on the right side of interleaf pages.

QUESTION No. 1 IS COMPULSORY AND YOU CAN CHOOSE EITHER Q2 OR Q3

The order to be followed

ACKNOWLEDGEMENT

INDEX

INTRODUCTION

Question No.1

INTRODUCTON

Question No.2/Question No.3

BIBILOGRAPHY

Topics and sub topics to be written with black pen only, written work with blue pen.

Use your internet facility and study the subject matter thoroughly before making the project.

TOPICS

Q1.Explore the principal value of the function $\sin^{-1}x$ or any other inverse trigonometric function using a unit circle .(Need to show the figures involve in the inverse functions)

Q2. Using vector algebra , find the area of a parallelogram. Also derive the area analytically and verify the same.

Q3. For a given data , find regression equations by the method of least squares.