

HALDIA GOVERNMENT COLLEGE
M.Sc .Semester-II Examination(CBCS)-2020
Paper-Geo-295 , UNIT-295.2
(ADVANCED QUANTITATIVE METHODS)

Full Marks-10

Time-1 Hours

The figures in the right hand margin indicate full marks.

Answer any one the question

1. What do you mean by ANOVA? Explain the steps of calculating one way analysis of variance with example. 2+8
2. What is the significance of ANOVA? How far it is different from t-test? Explain the cases of using one way and two way ANOVA with example. 2+2+6
3. What do you mean by Polynomial curve? Where polynomial curve is most suitable? Write the steps of polynomial curve fitting with polynomial equation. 2+2+6
4. What is multiple regression? Established a linear multiple regression equation with example. 2+8
5. Differentiate correlation from regression. Explain the uses of simple, multiple and partial correlation with suitable examples. 2+8