IMP TOPIC OF MATHS 1

UNIT – 1 (10 marks)

Determinant of matrix :

1 – Properties of determinant.

2 – Cramer's method sum.

Matrix :

1 – Addition of matrix.

2 – Transpose of matrix.

3 – Matrix Multiplication of matrix.

4 – Inverse of matrix.

UNIT – 2 (10 marks)

1 – Mean $(\bar{X})$.

2 – Median (M).

3 – Mode (Z).

4 – Range (R).

5 – Quartile Deviation (Q.D.).

6 – Standard Deviation (S).

UNIT – 3 (5 marks)

Arithmetic Progression (A.P.) :

1 – Definition of Sequence, Series, Progression, A.P. and G.P.

2 – n term of an A.P.

3 – Sum of n term of an A.P.

Geometric Progression (G.P.) :

1 - n term of a G.P.

2 - Sum of n term of a G.P.