

MATHEMATICS

For Class X (marks 75)

- 1. Algebraic Sentences**
 - i. Revision of the work done in the previous classes, Exercises
 - ii. Graphical solution of two simultaneous Linear Equations, Exercises
 - iii. Equations Reducible to Simple Linear Equations, Exercises
 - iv. In-equations, Exercises
 - v. Quadratic Equations, Exercises

- 2. Elimination**
 - i. Concepts
 - ii. Elimination of One Variable from Two Equations, Exercises

- 3. Variations**
 - i. Basic Concepts, Exercises
 - ii. Theorems, Exercises
 - iii. K-Method, Exercises
 - iv. Problems, Exercises

- 4. Information Handling**
 - i. Revision of the work done in the previous classes, Exercises
 - ii. Graphs, Exercises
 - iii. Central tendencies, Exercises
 - iv. Dispersion and its Measures, Exercises

- 5. Fundamental concepts of Geometry**
 - i. Concepts, Exercises

- 6. Demonstrative Geometry**
 - i. Theorems, Exercises after every Theorem

- 7. Practical Geometry**
 - i. Constructions, Exercises

- 8. Trigonometry**
 - i. Introduction
 - ii. Trigonometric Ratios, Exercises
 - iii. Trigonometric Identities, Exercises
 - iv. Values of Trigonometric Ratios of Angles, Exercises
 - v. Heights and Distances, Exercises

RECOMMENDED REFERENCE BOOKS FOR CLASS X

The question papers will be syllabus oriented. However, the following books are recommended for reference and supplementary reading:

1. Mathematics
Punjab Textbook Board, Lahore.
2. Mathematics
National Book Foundation, Islamabad.
3. Mathematics
Sindh Textbook Board, Jamshoro.
4. Mathematics
NWFP Textbook Board, Peshawar.
5. Mathematics
Baluchistan Textbook Board, Quetta.