

## MATHEMATICS- 10+1

### Deleted Portion in PSEB books of Maths-11 Published in 2023 in Comparison with previous Edition

SR NO.	CHAPTER NAME	PAGE NO.	DELETED PORTION
1	Sets	9 10 16-18  19-20 20	1.7 Power Set, Def 5 Question 5 of Ex 1.3 1.12 (Practical Problems on Union & Intersection of two sets) Exp 23-27, Ex-1.6 Exp 31- 34 Q 6,7,13-16 of Misc Ex.
2	Trigonometric Functions	56-59	3.5 Trigonometric Equations, Exp 18-19, Theorem 1- 3, Exp 20,Note ,Exp 21-24,Ex 3.4
3	Principle of Mathematical induction	66-74	Full chapter Deleted
4	Complex Numbers and Quadratic Equations	81  82-84  84-86 87	5.5.1 Polar Representation of a Complex Number. Exp 7-8, Ex. 5.2,Quadratic equations, Note,Exp 9-11,Ex 5.3 Misc Exp 13,15, 16 Q 5 –9, 13 of Misc.Ex.
5	Linear Inequalities	94-100	6.4 Graphical Solution of linear inequalities in two variables,Note 1, Exp 9-11, Ex 6.2, 6.5 Solution of System of linear inequalities in two variables,Exp 12-15, Ex 6.3
6	Binomial Theorem	128-132  132-135	8.3 General and Middle terms, exp 5-9, Ex 8.2 Misc.Exp10-17, Q 1-3, Q 8 of Misc. Ex.
7	Sequence & Series	140-143  149-152  153-154	9.4 Arithmetic progressive (AP) Exp 4-7,Ex 9.4.1 Arithmetic Mean, Exp 8, Ex 9.2 9.7 Sum of n terms of special series, Exp 19-20, Ex 9.4, Misc.Exp 21-22. Exp 24, Q 1- 6, 12,15, 16, 20, 23-26 of Misc Ex.

8	Straight Line	162 163 166-168 169-172  174 178	10.2.4 Collinearity of three points, Exp 4-5 Q 8, 13,14 of Ex 10.1 10.3.6. Normal Form, Exp 11-12 (Note) Q 8 of Ex 10.2, 10.4 General Equation of a line 10.4.1 Different Forms of $Ax+By+C=0$ , Exp 13-17 Q 3 of Ex 10.3 Q 2 of Misc. Ex.
9	Conic Sections	189	11.5.2 Special cases of an ellipse
10	Introduction to Three - Dimensional Geometry	208-211  212	12.5 Section Formula, Exp 7-10, Ex 12.3  Q 4, 5 of Misc. Ex.
11	Mathematical Reasoning	245-264	Full chapter deleted
12	Statistics	285-287  291	15.6 Analysis of frequency Distribution, 15.6.1 Comparison of two frequency distributions with same mean, Exp 13-15, Ex 15.3 Q 6 of Misc. Ex
13	Probability	293-296	16.1 Introduction , 16.2 Random Experiments,16.2.1 Outcomes and Sample space, Exp 1, Note,Exp 2-5, Ex-16.1