

II PUC Basic Mathematics 2021-22

Syllabus Distribution

Duration	Chapters to be Covered	Alloted Time
I Term	From 15.07.2021 to 15.09.2021	
	1) Matrices and Determinants	13 hours
	2) Partial Fractions	4 hours
	3) Ratios and Proportions	10 hours
	4) Learning Curve	4 hours
	5) Trigonometry – Compound angle, multiple and sub-multiple angles, transformation formulae	8 hours

	I Test from 13.09.2021 to 15.09.2021	
	Note: Portions above 5 chapters covered in I term.	

Duration	Chapters to be Covered	Alloted Time
II Term	From 16.09.2021 to 30.11.2021	
	6) Permutations and Combinations	8 hours
	7) Probability	5 hours
	8) Limits and Continuity	8 hours
	9) Differential Calculus	10 hours
	10) Circles	6 hours
	11) Bill Discounting	6 hours

	Mid-Term Exam from 20.11.2021 to 30.11.2021	
	Note: II chapters covered in the first two terms.	

Duration	Chapters to be Covered	Alloted Time
III Term	From 1.12.2021 to 30.01.2022	
	12) Binomial Theorem	6 hours
	13) Mathematical Logic	6 hours
	14) Linear Programming Problems	6 hours
	15) Indefinite Integrals	8 hours
	16) Heights and Distances	4 hours

	II Test from 28.01.2022 to 31.01.2022	
	Note: 5 chapters covered in III term.	

Duration	Chapters to be Covered	Alloted Time
IV Term	From 01.02.2022 to 31.03.2022	
	17) Application of Derivatives	8 hours
	18) Parabola	4 hours
	19) Definite Integrals and Application of Integrals	8 hours
	20) Stocks and Shares	4 hours
	21) Sales Tax and VAT	4 hours

	Preparatory Exam: 24.03.2022 to 30.03.2022	
	• Portions – All 21 chapters	
	Annual Exam: From April I week	

