

TELANGANA STATE BOARD OF INTERMEDIATE EDUCATION, HYDERABAD
ACADEMIC YEAR 2020-2021

30% DELETED CONTENT IN VIEW OF COVID-19 PANDEMIC

INTERMEDIATE 1st YEAR MATHEMATICS (IA) SYLLABUS

S.NO	CHAPTER	TOPICS	no of periods	REMARKS
1	1. Functions	1.2 Deleted	8	
2	2. Mathematical Induction	complete chapter	8	
3	3. Matrices	3.4.8: Properties of Determinants related Problems and Examples 3.6: Consistency and inconsistency of system of simultaneous equations 3.7: Solutions of simultaneous linear equations Gauss-Jordan Method 3.7.7 onwards	14	
4	5. Product of vectors	5.11 onwards	8	
5	7. Trigonometric Equations	complete chapter	5	
6	8. Inverse Trigonometric Functions	complete chapter	5	
7	9. Hyperbolic functions	Inverse Hyperbolic functions		
	TOTAL		45	

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INTERMEDIATE 1st YEAR MATHEMATICS (IB) SYLLABUS

S.NO	CHAPTER	TOPICS	no of periods	REMARKS
1	4. Pair of straight lines	4.3: Pair of bisectors of angles and related problems 4.5: Condition of pair of parallel lines and distance between them and point of intersection of pair of lines Exercise 4(b) : Deleted	12	
2	7. Plane	Exercise 7(a) Section II & III Related examples	4	
3	8. Limits and Continuity	8.4: continuity	6	
4	9. Differentiation	9.3: Problems of inverse trigonometric functions Exercise 9(c) Section III Deleted Exercise 9(d) Deleted	8	
5	10. Applications of Derivatives	10.6: Derivative as a rate of change, 10.7: Roles, lagranges, mean value theorems, 10.8: Increasing and decreasing functions, and related Problems and Examples	13	
	TOTAL		45	