

TELANGANA STATE BOARD OF INTERMEDIATE EDUCATION, HYDERABAD**ACADEMIC YEAR 2020-2021****70% CONTENT IN VIEW OF COVID-19 PANDEMIC****INTERMEDIATE 2nd YEAR MATHEMATICS (IIB)SYLLABUS**

S.NO	CHAPTER	TOPICS	no of periods	REMARKS
1	Circles	Complete chapter	34	
2	System of Circles	Complete chapter	12	
3	Parabola	Introduction 3.1: Conic Sections, Standard forms and related problems	8	
4	Ellipse	Introduction 4.1: Equation of Ellipse in standard form, Parametric equation	6	
5	Hyperbola	Introduction Exercise 5(a) Section I and related examples	4	
6	Integration	Introduction 6.1: Integration as the inverse process of differentiation, standard forms and properties of integrals 6.2: Method of substitution (6.2.1 to 6.2.19) and related problems	16	
7	Definite Integrals	Introduction Exercise 7(a) Exercise 7(b) section I and III (section II Deleted)	18	
8	Differential equations	Introduction 8.1: Formation of differential equation – Degree and order of an ordinary differential equation 8.2: Solving of differential equations 8.2(a): Variable separable method Exercise	9	
	TOTAL		45	