Annual & Weekly Syllabus Split-Up - 2025-26 GRADE XII APPLIED MATHEMATICS

Month	No. of Working D	ay: No. of	Da Topic	Sub Topic	Resources	Activity	Mid April Test	Periodic 7	Pre Mid T	Mid Term	Periodic T	Post Midte	Annua
1 Monels	Week 1												
1 March	week	_				-							
	Week 2	6					Number Qunatification			V			
	Treek 2	—					Transcer Quintimention			'			
	Week 3	5					Algebraic Inequalities			\checkmark			
							J						
	Week 4	6								\checkmark			
	Week 5	6						$\sqrt{}$		\checkmark			
			Number Quantification/	Number	Text book exercises;			,		,			
2 APRIL	23 Week 1	5	DETERMINANTS	Quantification/Properties of	derivations; all concepts			V		√			
			Algebraic Inequalitis/	Algebraic	Text book exercises;					,			
	Week 2	5	DETERMINANTS	Inequalities/Cramer's rule;	derivations; all concepts	_				٧			
			Matrices/DIFFERENTIAT	Matrices/Logarithmic	Text book exercises;				1	,			
	Week 3	4	ION	differentiation; Parametric	derivations; all concepts				ν	٧			
	Week 4			Derivative as a rate measure;	Text book exercises;				-1	.1			
	week 2	6	DERIVATIVES	Tangents and normals;	derivations; all concepts	_			V	V			
	Week 5	3			Text book exercises;					al			
	week 3	3	DERIVATIVES	Tangents and normals;	derivations; all concepts					٧			
3 JUNE	19 Week 1	0											1
3 JOINE	1) WCCK	-	CH. 6 APPLICATIONS	Marginal cost and marginal	Text book exercises;	+							
	Week 2	6	OF DERIVATIVES	revenue; fixed cost; variable	derivations; all concepts					V			
	WCCR 2	-		Indefinite integrals;	Text book exercises;	+				*			
	Week 3	6	CH. 7 INTEGRALS	properties of indefinite	derivations; all concepts					V			
	W COR C		CH.8 DIFFERENTIAL	Order and degree of a	Text book exercises;	MATHS LAB:				'			
	Week 4	6	EQUATIONS	differential equation;	derivations; all concepts	DIFFERENTIAL				$\sqrt{}$			
		_	CH.8 DIFFERENTIAL	Applications of differential	Text book exercises;								
	Week 5	1	EQUATIONS	equations; Growth and	derivations; all concepts								
				Random variables;	Text book exercises;								
4 JULY	27 Week 1	5	CH. 9 PROBABILITY	probability distribution;	derivations; all concepts								
				Application of probability	Text book exercises;								
	Week 2	6	CH. 9 PROBABILITY		derivations; all concepts								
			CH. 10 INFERENTIAL	distribution; Mean and Sample; Population; unbiased	Text book exercises;	1							
	Week 3	6	STATISTICS	and biased sampling;	derivations; all concepts								
			CH. 10 INFERENTIAL	Two sample t-test; one	Text book exercises;								
	Week 4	6	STATISTICS		derivations; all concepts								
			CH. 11 TIME BASED	sample test; Assertion Trend component;	Text book exercises;								
	Week 5	4	DATA	components of time series;	derivations; all concepts	MATHS LAB: AVERAGES							
			CH.12 PERPETUITY,	Present Value of perpetuity;	Text book exercises;								
5 AUGUST	23 Week 1	2	SINKING FUNDS AND	Present value when payment	derivations; all concepts								
			CH.12 PERPETUITY,	Sinking fund; Equated	Text book exercises;								
	Week 2	5	SINKING FUNDS AND	monthly installment; Flat	derivations; all concepts								
	Week 3	5											
	Week 4	6											-
	337 1 2	_											
	Week 5	5	_	1					-				-
6 CEDTEMBER	25 117-1-1	5											
6 SEPTEMBEI	25 Week 1	<u>3</u>	CH 12 DETENDING	Datum on investment	Taut hasla sussiassa	+			-				
	Week 2	6	CH. 13 RETURNS, GROWTH AND	Return on investment;	Text book exercises;	1							
-	VV CCK 2	- 0	CH. 13 RETURNS,	Nominal rate of return;	derivations; all concepts	+							-
	1 1	1	CH. 13 KETUKNS,	Depreciation; Linear or	Text book exercises;	CASE STUDY ACTIVITY	l	l	1	1			1

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		*** 1 4	_	CH. 14 LINEAR	Manufacturing problems;	Text book exercises;					
		Week 4	6	PROGRAMMING	Diet problems; Simple	derivations; all concepts					
				CH. 14 LINEAR	Case study questions of	Text book exercises;					
		Week 5	2	PROGRAMMING	LPP; Transportation	derivations; all concepts					
					Revision on Inferential	Text book exercises;					
7 OCTO	OBER	13 Week 1	3		statistics; one sample t - test;	derivations; all concepts					
					Revision on Normal	Text book exercises;					
		Week 2	6		distribution; how to find out	derivations; all concepts					
		Week 3	4								
		Week 4	0								
		Week 5	0								
		11 cen 5									
8 NOVI	EMBER	23 Week 1	0								
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		Week 2	5		PRE BOARD -1						
	1	WCCK Z		1		+					
		Week 3	6		PRE BOARD -1						
		WEEK 3	1		Answer Paper Discussion	WORK SHEET AND			-		
		Week 4	6		and Revision	SAMPLE PAPERS					
		week 4	0	 	and Kevision	WORK SHEET AND					
		*** 1.5	_		REVISION	SAMPLE PAPERS					
		Week 5	6		REVISION	WORK SHEET AND					
0 550	EL CRER	20			DEVICION						
9 DECE	EMBER	20 Week 1	6		REVISION	SAMPLE PAPERS					
		Week 2	6		PRE BOARD -2						
		Week 3	6		PRE BOARD -2						
					Answer Paper Discussion						
		Week 4	2		and Revision	REVISION					
						WORK SHEET AND					
		Week 5	0		REVISION	SAMPLE PAPERS					
						WORK SHEET AND					
10 JANU	UARY	22 Week 1	0		REVISION	SAMPLE PAPERS					
		Week 2	6		PRE BOARD -3						
		Week 3	5		PRE BOARD -3						
			1		Answer Paper Discussion						
		Week 4	6		and Revision	REVISION					
			<u> </u>			WORK SHEET AND					
		Week 5	5		REVISION	SAMPLE PAPERS					
		ccx 5	+ -								
11 FEBR	RHARY	23 Week 1	6								
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		Week 2	6								
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12 MARC	CH	22 Week 1	5			-					
		Week 2	6								

	Week 3	5						
	Week 4	5						
	Week 5	1						