

Annual & Weekly Syllabus Split-Up - 2026-27

Grade XI

Subject: APPLIED MATH (241)

S.No	Month	No. of Working Days		No. of Days	Topic	Sub Topic	Teaching Aids/Resources	Classroom teaching Video Link	Activities	\7	Pedagogy Process/Teaching Strategy	Chapterwise Notes link	Assessment
1	APRIL	25	Week 1	4									
			Week 2	6									
			Week 3	5									
			Week 4	6									
			Week 5	4									
2	JUNE	20	Week 1	0	Binary Numbers	Conversion of Binary to Decimal and vice-versa	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion		Maxims of Teaching/Con tivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	Oral
			Week 2	6	Indices and log	Application of rules of Indices	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion		Maxims of Teaching/Con tivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	Quiz
			Week 3	6	Indices and log	Fundamental laws of log	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion		Maxims of Teaching/Con tivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	JIT
			Week 4	6	Quantafication and Numerical Applction	Time, work and distance,	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion		Maxims of Teaching/Con tivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	Oral
			Week 5	2	Quantafication and Numerical Applction	Averages	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion	To find the average rain fall of Pune.	Maxims of Teaching/Con tivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	Quiz
			Week 1	4	Quantafication and Numerical Applction	Seating Arrangemants	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion		Maxims of Teaching/Con tivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	JIT

3	JULY	27	Week 2	6	Sets and Relation	Representation of sets in roaster and set builder form.	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion	Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89jJwcZax6DUb6/view?usp=drive_link	Oral
			Week 3	6	Sets and Relation	Subsets , Intervals, Venn Diagrams	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion	Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89jJwcZax6DUb6/view?usp=drive_link	Quiz
			Week 4	6	Sets and Relation	Ordered pairs, Cartesian products	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion	Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89jJwcZax6DUb6/view?usp=drive_link	JIT
			Week 5	5	Sequences and series	Arithmetic Progression	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion	Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89jJwcZax6DUb6/view?usp=drive_link	Oral
4	AUGUST	24	Week 1	1	Sequences and series	Geometric Progression	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion	Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89jJwcZax6DUb6/view?usp=drive_link	Quiz
			Week 2	6	<i>Permutation and Combinations</i>	Fundamental principal of counting	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion	Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89jJwcZax6DUb6/view?usp=drive_link	JIT
			Week 3	5	Permutation and Combinations	Permutations	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion	Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89jJwcZax6DUb6/view?usp=drive_link	
			Week 4	6	Permutation and Combinations	Combinations	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion	Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89jJwcZax6DUb6/view?usp=drive_link	
			Week 5	5+1	Term 1	REVISION						
			Week 1	5	Term 1	REVISION						
			Week 2	6	Functions	Domain and Range of fuctnions	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion	Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89jJwcZax6DUb6/view?usp=drive_link	Oral

5	SEPTEMBER	23	Week 3	5	Limit and continuity	Concept of continuity	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion	Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	Quiz
			Week 4	5	Limit and continuity	LHL and RHL	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion	Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	JIT
			Week 5	3	Differrentiation	Differentiation, Chain rule	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion	Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	Oral
6	OCTOBER	25	Week 1	2	Differentiation	U.V rule, U/V rule	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion	Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	Quiz
			Week 2	6	Probability	Random Experiment, Conditional Probability	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion	Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	JIT
			Week 3	6	DIWALI HOLIDAYS							
			Week 4	5	DIWALI HOLIDAYS							
			Week 5	5	DIWALI HOLIDAYS							
7	NOVEMBER	12	Week 1	0								
			Week 2	0								
			Week 3	0	Probability	Total Probability, Baye,s Theorem	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion	Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	Oral
			Week 4	6	Discriptive statistics	Dispersion, Deviation, Variance	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion	Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	Quiz
			Week 5	5+1	Discriptive statistics	Skewness, Kurtosis, Percentile, Quartile	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion	Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	JIT

8	DECEMBER	21	Week 1	5	Compound and Annuity	Simple and Comound Interest, Present Value , future value.	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion		Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	Oral
			Week 2	6	Compound and Annuity	Annuities, regular Annuities.	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion		Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	Quiz
			Week 3	6	Taxation	Good and Service tax	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion		Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	JIT
			Week 4	4	Taxation	Income Tax	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion		Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	Oral
			Week 5	3	Straight line	Slope of line, Equation of line	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion	To draw the warli painting with the help of straight line	Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	Quiz
9	JANUARY	22	Week 1	0									
			Week 2	6	Straight line	General Equation of lien.	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion		Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	Oral
			Week 3	5	Circles and parabola	Equation of circles	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion		Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	Quiz
			Week 4	6	Circles and Parabola	Equation of Parabola	M.L. Bhargawa, M.L.Agrawal, Senselite Board	Teaching Videos	Topic Discussion, Problem Solving, Worksheet Discussion		Maxims of Teaching/Cons tuctivist	https://drive.google.com/file/d/1jybQyOU1FCzk7tB0BA89JwcZax6DUb6/view?usp=drive_link	JIT
			Week 5	5	Revision								
10	FEBRUARY	23	Week 1	6	Revision								
			Week 2	6									
			Week 3	5	Annual Exam								

