

Syllabus / SLOs Coverage plan (2022-23)

Grade:	XI			Subject:	Business Mathematics				
Week	# of Working days	From--T0	Chapter	Date	Topics		%	Review	
#		August - 2022.							
1	2	10 to 11	Unit-1 Business mathematics	.August-7	Ashoorra -Holiday			2%	
		.August-8							
		.August-9							
		.August-10		Ratio and proportion					
		.August-11		Ratio and proportion					
Week	# of Working days	From--T0	Chapter	Date	Topics		%	Review	
#		August - 2022.							
2	4	14 to 18	Unit-1 Business mathematics	.August-14	Independence day - Holiday			6%	
		.August-15		Percentages					
		.August-16		Percentages					
		.August-17		Percentages					
		.August-18		Percentages					
Week	# of Working days	From--T0	Chapter	Date	Topics		%	Review	
#		August - 2022.							
3	5	21 to 25	Unit-2 (Mathematics of Finance)	.August-21	Simple interest		10%		
		.August-22		Simple interest					
		.August-23		Simple interest					
		.August-24		Simple interest					
		.August-25		Simple interest					

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review	
#	Aug/ Sep - 2022.							
4	5	28 to 1	Unit-2 (Mathematics of Finance)	.August-28	Simple interest	14%		
				.August-29	Simple interest			
				.August-30	Simple interest			
				.August-31	Simple interest			
				.Sept:1	Simple interest			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		Sept: - 2022.					
5	5	4 to 8	Unit-3 (Mathematics of Finance)	.Sept:-4	Compound interest	18%	
				.Sept:-5	Compound interest		
				.Sept:-6	Compound interest		
				.Sept:-7	Compound interest		
				.Sept:-8	Compound interest		

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		Sept: - 2022.					
6	5	11 to 15	Unit-3 (Mathematics of Finance)	Sept:- 11	Compound interest	23%	
		Sept:- 12		Compound interest			
		Sept:- 13		Compound interest			
		Sept:- 14		Compound interest			
		Sept:- 15		Compound interest			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		Sept: - 2022.					
7	5	18 to 22	Unit-4 Annuity	.Sept: 18	types of annuity, Annuity due, formulae and related questions from exercise	27%	
		.Sept: 19		types of annuity, Annuity due, formulae and related questions from exercise			
		.Sept: 20		types of annuity, Annuity due, formulae and related questions from exercise			
		.Sept: 21		types of annuity, Annuity due, formulae and related questions from exercise			
		.Sept: 22		types of annuity, Annuity due, formulae and related questions from exercise			

Week	# of Working days	From--To	Chapter	Date	Topics	%	Review
#		Sept: - 2022.					
8	5	25 to 29	Unit-4 Annuity	.Sept: 25	present value of annuity, perpetuity formulae and related questions from exercise,	35%	
		.Sept: 26		present value of annuity, perpetuity formulae and related questions from exercise,			
		.Sept: 27		present value of annuity, perpetuity formulae and related questions from exercise,			
		.Sept: 28		present value of annuity, perpetuity formulae and related questions from exercise,			
		.Sept: 29		present value of annuity, perpetuity formulae and related questions from exercise,			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		October-2022.					
9	5	2 to 6	Unit-6 Linear equations	.Oct: - 2	Solution of linear equations and related question from exercise	40%	
				.Oct: - 3	Solution of linear equations and related question from exercise		
				.Oct: - 4	Solution of linear equations and related question from exercise		
				.Oct: - 5	Solution of linear equations and related question from exercise		
				.Oct: - 6	Solution of linear equations and related question from exercise		

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		October-2022.					
10	5	9 to 13	Unit -7 Quadratic Equations	.Oct: - 9	Solution of Quadratic Equations by factorization and completing square and related question from exercise	45%	
				.Oct: - 10	Solution of Quadratic Equations by factorization and completing square and related question from exercise		
				.Oct: - 11	Solution of Quadratic Equations by factorization and completing square and related question from exercise		
				.Oct: - 12	Solution of Quadratic Equations by factorization and completing square and related question from exercise		
				.Oct: - 13	Solution of Quadratic Equations by factorization and completing square and related question from exercise		

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		October-2022.					
11	5	16 to 20	Unit -7 Quadratic Equations	.Oct: - 16	Solution of Equations reducible to quadratic equation and solution by Quadratic formula and related question from exercise	50%	
		.Oct: - 17		Solution of Equations reducible to quadratic equation and solution by Quadratic formula and related question from exercise			
		.Oct: - 18		Solution of Equations reducible to quadratic equation and solution by Quadratic formula and related question from exercise			
		.Oct: - 19		Solution of Equations reducible to quadratic equation and solution by Quadratic formula and related question from exercise			
		.Oct: - 20		Solution of Equations reducible to quadratic equation and solution by Quadratic formula and related question from exercise			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		Nov:- 2022.					
14	5	6 to 10	Unit-9 (Binary Number system)	.Nov- 6	Addition and Subtraction of Binary Numbers and related question from exercise	65%	
				.Nov- 7	Addition and Subtraction of Binary Numbers and related question from exercise		
				.Nov- 8	Addition and Subtraction of Binary Numbers and related question from exercise		
				.Nov- 9	Addition and Subtraction of Binary Numbers and related question from exercise		
				.Nov- 10	Addition and Subtraction of Binary Numbers and related question from exercise		

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		Nov:- 2022.					
15	5	13 to 17	Unit-9 (Binary Number system)	.Nov: -13	Multiplication and division of Binary Numbers and related question from exercise	68%	
				.Nov: -14	Multiplication and division of Binary Numbers and related question from exercise		
				.Nov: -15	Multiplication and division of Binary Numbers and related question from exercise		
				.Nov: -16	Multiplication and division of Binary Numbers and related question from exercise		
				.Nov: -17	Multiplication and division of Binary Numbers and related question from exercise		

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		January- 2023.					
19	5	8 to 12	Unit-10 Matrix	.Jan:- 8	Types of matrices, Addition, subtraction, Multiplication of matrices and related question from exercise	75%	
		.Jan:- 9		Types of matrices, Addition, subtraction, Multiplication of matrices and related question from exercise			
		.Jan:- 10		Types of matrices, Addition, subtraction, Multiplication of matrices and related question from exercise			
		.Jan:- 11		Types of matrices, Addition, subtraction, Multiplication of matrices and related question from exercise			
		.Jan:- 12		Types of matrices, Addition, subtraction, Multiplication of matrices and related question from exercise			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		January- 2023.					
20	5	15 to 19	Unit-10 Matrix	.Jan:- 15	Multiplication, Determinant of matrices and related question from exercise	80%	
				.Jan:- 16	Multiplication, Determinant of matrices and related question from exercise		
				.Jan:- 17	Multiplication, Determinant of matrices and related question from exercise		
				.Jan:- 18	Multiplication, Determinant of matrices and related question from exercise		
				.Jan:- 19	Multiplication, Determinant of matrices and related question from exercise		

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		January- 2023.					
21	5	15 to 19	Unit-8 , Simultaneous system of Equations	.Jan:- 22	Solution of simultaneous equations	85%	
				.Jan:- 23	Solution of simultaneous equations		
				.Jan:- 24	Solution of simultaneous equations by different methods		
				.Jan:- 25	Solution of simultaneous equations by different methods		
				.Jan:- 26	Solution of simultaneous equations by different methods		

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		Jan/ Feb- 2023.					
22	5	29 to 02	Unit-8 , Simultaneous system of Equations	.Jan:- 29	Solution of simultaneous equations by crammer rule / matrix inverse method	90%	
				.Jan:- 30	Solution of simultaneous equations by crammer rule / matrix inverse method		
				.Jan:- 31	Solution of simultaneous equations by crammer rule / matrix inverse method		
				.Feb:- 1	Solution of simultaneous equations by crammer rule / matrix inverse method		
				.Feb:- 2	Solution of simultaneous equations by crammer rule / matrix inverse method		

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		February- 2023.					
23	5	5 to 9	Unit-8 , Simultaneous system of Equations	.Feb:- 5	Solution of simultaneous equations by crammer rule / matrix inverse method	95%	
				.Feb:- 6	Solution of simultaneous equations by crammer rule / matrix inverse method		
				.Feb:- 7	Solution of simultaneous equations by crammer rule / matrix inverse method		
				.Feb:- 8	Solution of simultaneous equations by crammer rule / matrix inverse method		
				.Feb:- 9	Solution of simultaneous equations by crammer rule / matrix inverse method		

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		February- 2023.					
24	5	12 to 16	Unit-8 , Simultaneous system of Equations	.Feb:- 12	Solution of simultaneous equations by crammer rule / matrix inverse method	100%	
				.Feb:- 13	Solution of simultaneous equations by crammer rule / matrix inverse method		
				.Feb:- 14	Solution of simultaneous equations by crammer rule / matrix inverse method		
				.Feb:- 15	Solution of simultaneous equations by crammer rule / matrix inverse method		
				.Feb:- 16	Solution of simultaneous equations by crammer rule / matrix inverse method		

Completion of Syllabus till February 16, 2023

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		February- 2023.					
25	3	19 to 23		.Feb:- 19	Revision		
				.Feb:- 20	Revision		
				.Feb:- 21	Revision		
				.Feb:- 22	Revision		
				.Feb:- 23	Revision		

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#	Feb/ Mar: - 2023.						
26	5	26 to 2		.Feb:- 26	Revision		
				.Feb:- 27	Revision		
				.Feb:- 28	Revision		
				.March:- 1	Revision		
				.March:- 2	Revision		

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		March: - 2023.					
27	5	5 to 9		.March: - 5	Revision / Test Series		
		.March: - 6		Revision / Test Series			
		.March: - 7		Revision / Test Series			
		.March: - 8		Revision / Test Series			
		.March: - 9		Revision / Test Series			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		March: - 2023.					
28	5	12 to 16		.March: - 12	Revision / Test Series		
				.March: - 13	Revision / Test Series		
				.March: - 14	Revision / Test Series		
				.March: - 15	Revision / Test Series		
				.March: - 16	Revision / Test Series		

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		March: - 2023.					
29	4	19 to 23		.March: - 19	Revision / Test Series		
		.March: - 20		Revision / Test Series			
		.March: - 21		Revision / Test Series			
		.March: - 22		Revision / Test Series			
		.March: - 23		Pakistan Day- Holiday			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		March: - 2023.					
30	5	26 to 30		.March: - 26	Revision / Test Series		
		.March: - 27		Revision / Test Series			
		.March: - 28		Revision / Test Series			
		.March: - 29		Revision / Test Series			
		.March: - 30		Revision / Test Series			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		April- 2023.					
34	5	23 to 27		.April:- 23	Revision / Test Series		
		.April:- 24		Revision / Test Series			
		.April:- 25		Revision / Test Series			
		.April:- 26		Revision / Test Series			
		.April:- 27		Revision / Test Series			
Pre- Board- XI- XII, May- 2023							