Smart Syllabus of Applied Mathematics-I (MATH-123) <u>Session 2020-21</u> Note: Dear students the following Exercises / Questions, Short Questions, MCQs are excluded from syllabus. عزیزطلباء سمارٹ سلیبس کے جشرورے ڈیل سوالات اسکوریں۔ سلیبس کا میں بنہیں جیں۔ لہزان سوالات کو کراس کردیں۔		
P 2	APER-A	
Chapter a	# 01 (Quadratic Equations)	
Exercise 1.3	Full	
Exercise 1.4	Full	
Short Questions	Q.24, Q.25, Q.26, Q.27, Q.28, Q.29,	
	Q.30, Q.31, Q.32, Q.33, Q.34	
MCQs	12, 13, 14, 15, 16, 19, 20	
Chapter	# 02 (Binomial Theorem)	
Exercise 2.2	Full	
Short Questions	Q.11, Q.12, Q.13, Q.14, Q.15	
Short Questions MCQs	Q.11, Q.12, Q.13, Q.14, Q.15 14, 15, 16	
MCQs		
MCQs	14, 15, 16	
MCQs Chapter # 03	14, 15, 16 (Fundamentals of Trigonometry)	
MCQs Chapter # 03 Exercise 3.1	14, 15, 16 (Fundamentals of Trigonometry) Full Q.11(Complete), Q.12, Q.13	
MCQs Chapter # 03 Exercise 3.1 Exercise 3.2	14, 15, 16 (Fundamentals of Trigonometry) Full Q.11(Complete), Q.12, Q.13	
MCQs Chapter # 03 Exercise 3.1 Exercise 3.2	<pre>14, 15, 16 (Fundamentals of Trigonometry) Full Q.11(Complete), Q.12, Q.13 Q.02(Complete), Q.03(Complete),</pre>	

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Note: Dear students the following Exercises / Questions, Short Questions, MCQs are excluded from syllabus. Chapter # 04 (General Identities) Exercise 4.2 Q.02, Q.03, Q. 05, Q.17, Q.20 Exercise 4.3 Full Short Questions Q.17, Q.18, Q.19, Q.20, Q.21, Q.22, Q.23, Q.24, Q.25 MCQs 13, 14, 15, 16, 17, 18, 19, 20 Chapter # 05 (Solution of Triangles) Exercise 5.1 Full Exercise 5.2 Full Short Questions Q.03, Q.04, Q.05, Q.10, Q.11, Q.12, Q.13 MCQs 03, 13, 14, 15, 16, 17, 18, 19, 20. Chapter # 06 (Scalars & Vectors) Q.13 MCQs 03, 0.04, Q.05, Q.11, Q.15, Q.16 Short Questions Q.21 MCQs 08 Chapter # 07 (Phasor Algebra) Full Chapter Delete	Smart Syllabus of Applied Mathematics-I (MATH-123) Session 2020-21			
Chapter # 04 (General Identities) Chapter # 04 (General Identities) Exercise 4.2 Q.02, Q.03, Q. 05, Q.17, Q.20 Exercise 4.3 Full Short Questions Q.17, Q.18, Q.19, Q.20, Q.21, Q.22, Q.23, Q.24, Q.25 MCQs 13, 14, 15, 16, 17, 18, 19, 20 Chapter # 05 (Solution of Triangles) Exercise 5.1 Full Short Questions Q.03, Q.04, Q.05, Q.10, Q.11, Q.12, Q.13 MCQs 03, 13, 14, 15, 16, 17, 18, 19, 20. Chapter # 06 (Scalars & Vectors) Exercise 6.2 Exercise 6.2 Q.06, Q.08, Q.11, Q.15, Q.16 Short Questions Q.21 MCQs 08 Chapter # 07 (Phasor Algebra)	÷			
Chapter # 04 (General Identities) Exercise 4.2 Q.02, Q.03, Q. 05, Q.17, Q.20 Exercise 4.3 Full Short Questions Q.17, Q.18, Q.19, Q.20, Q.21, Q.22, Q.23, Q.24, Q.25 MCQs 13, 14, 15, 16, 17, 18, 19, 20 Chapter # 05 (Solution of Triangles) Exercise 5.1 Full Short Questions Q.03, Q.04, Q.05, Q.10, Q.11, Q.12, Q.13 MCQs 03, 13, 14, 15, 16, 17, 18, 19, 20. Chapter # 06 (Scalars & Vectors) Exercise 6.2 Q.06, Q.08, Q.11, Q.15, Q.16 Short Questions Q.21 MCQs 08 Chapter # 07 (Phasor Algebra)	ذين سوالات ا _س سان	عزيزطلباءسمارك سليبسكي جشردرج ذيل سوالات اسبال		
Exercise 4.2 Q.02, Q.03, Q. 05, Q.17, Q.20 Exercise 4.3 Full Short Questions Q.17, Q.18, Q.19, Q.20, Q.21, Q.22, Q.23, Q.24, Q.25 MCQs 13, 14, 15, 16, 17, 18, 19, 20 Chapter # 05 (Solution of Triangles) Exercise 5.1 Full Exercise 5.2 Full Short Questions Q.03, Q.04, Q.05, Q.10, Q.11, Q.12, Q.13 MCQs 03, 13, 14, 15, 16, 17, 18, 19, 20. Chapter # 06 (Scalars & Vectors) Exercise 6.2 Q.06, Q.08, Q.11, Q.15, Q.16 Short Questions Q.21 MCQs 08 Chapter # 07 (Phasor Algebra)	المتكوكراسكردين	سليبسكام مديمي هين الهزاان سوالا		
Exercise 4.3 Full Short Questions Q.17, Q.18, Q.19, Q.20, Q.21, Q.22, Q.23, Q.24, Q.25 MCQs 13, 14, 15, 16, 17, 18, 19, 20 Chapter # 05 (Solution of Triangles) Exercise 5.1 Full Exercise 5.2 Full Short Questions Q.03, Q.04, Q.05, Q.10, Q.11, Q.12, Q.13 MCQs 03, 13, 14, 15, 16, 17, 18, 19, 20. Chapter # 06 (Scalars & Vectors) Exercise 6.2 Q.06, Q.08, Q.11, Q.15, Q.16 Short Questions Q.21 MCQs 08 Chapter # 07 (Phasor Algebra)	Chapter	<pre># 04 (General Identities)</pre>		
Short Questions Q.17, Q.18, Q.19, Q.20, Q.21, Q.22, Q.23, Q.23, Q.24, Q.25 MCQs 13, 14, 15, 16, 17, 18, 19, 20 Chapter # 05 (Solution of Triangles) Exercise 5.1 Full Short Questions Q.03, Q.04, Q.05, Q.10, Q.11, Q.12, Q.13 MCQs 03, 13, 14, 15, 16, 17, 18, 19, 20. Chapter # 06 (Scalars & Vectors) Exercise 6.2 Q.06, Q.08, Q.11, Q.15, Q.16 Short Questions Q.21 MCQs 08 Chapter # 07 (Phasor Algebra)	Exercise 4.2	Q.02, Q.03, Q. 05, Q.17, Q.20		
Q.23, Q.24, Q.25 MCQs 13, 14, 15, 16, 17, 18, 19, 20 Chapter # 05 (Solution of Triangles) Exercise 5.1 Full Exercise 5.2 Full Short Questions Q.03, Q.04, Q.05, Q.10, Q.11, Q.12, Q.13 MCQs 03, 13, 14, 15, 16, 17, 18, 19, 20. Chapter # 06 (Scalars & Vectors) Exercise 6.2 Q.06, Q.08, Q.11, Q.15, Q.16 Short Questions Q.21 MCQs 08 Chapter # 07 (Phasor Algebra)	Exercise 4.3	Full		
MCQs 13, 14, 15, 16, 17, 18, 19, 20 Chapter # 05 (Solution of Triangles) Exercise 5.1 Full Exercise 5.2 Full Short Questions Q.03, Q.04, Q.05, Q.10, Q.11, Q.12, Q.13 MCQs O3, 13, 14, 15, 16, 17, 18, 19, 20. Chapter # 06 (Scalars & Vectors) Exercise 6.2 Q.06, Q.08, Q.11, Q.15, Q.16 Short Questions Q.21 MCQs O8 Chapter # 07 (Phasor Algebra)	Short Questions	Q.17, Q.18, Q.19, Q.20, Q.21, Q.22,		
Chapter # 05 (Solution of Triangles) Exercise 5.1 Full Exercise 5.2 Full Short Questions Q.03, Q.04, Q.05, Q.10, Q.11, Q.12, Q.13 MCQs 03, 13, 14, 15, 16, 17, 18, 19, 20. Chapter # 06 (Scalars & Vectors) Exercise 6.2 Q.06, Q.08, Q.11, Q.15, Q.16 Short Questions Q.21 MCQs 08 Chapter # 07 (Phasor Algebra)		Q.23, Q.24, Q.25		
Exercise 5.1 Full Exercise 5.2 Full Short Questions Q.03, Q.04, Q.05, Q.10, Q.11, Q.12, Q.13 MCQs 03, 13, 14, 15, 16, 17, 18, 19, 20. Chapter # 06 (Scalars & Vectors) Exercise 6.2 Q.06, Q.08, Q.11, Q.15, Q.16 Short Questions Q.21 MCQs 08 Chapter # 07 (Phasor Algebra)	MCQs	13, 14, 15, 16, 17, 18, 19, 20		
Exercise 5.2 Full Short Questions Q.03, Q.04, Q.05, Q.10, Q.11, Q.12, Q.13 MCQs 03, 13, 14, 15, 16, 17, 18, 19, 20. Chapter # 06 (Scalars & Vectors) Exercise 6.2 Q.06, Q.08, Q.11, Q.15, Q.16 Short Questions Q.21 MCQs 08 Chapter # 07 (Phasor Algebra)	Chapter #	05 (Solution of Triangles)		
Short Questions Q.03, Q.04, Q.05, Q.10, Q.11, Q.12, Q.13 MCQs 03, 13, 14, 15, 16, 17, 18, 19, 20. Chapter # 06 (Scalars & Vectors) Exercise 6.2 Q.06, Q.08, Q.11, Q.15, Q.16 Short Questions Q.21 MCQs 08 Chapter # 07 (Phasor Algebra)				
Q.13 MCQs 03, 13, 14, 15, 16, 17, 18, 19, 20. Chapter # 06 (Scalars & Vectors) Exercise 6.2 Q.06, Q.08, Q.11, Q.15, Q.16 Short Questions Q.21 MCQs 08 Chapter # 07 (Phasor Algebra)				
Chapter # 06 (Scalars & Vectors) Exercise 6.2 Q.06, Q.08, Q.11, Q.15, Q.16 Short Questions Q.21 MCQs 08 Chapter # 07 (Phasor Algebra)	Short Questions			
Exercise 6.2 Q.06, Q.08, Q.11, Q.15, Q.16 Short Questions Q.21 MCQs 08 Chapter # 07 (Phasor Algebra)	MCQs	03, 13, 14, 15, 16, 17, 18, 19, 20.		
Short Questions Q.21 MCQs 08 Chapter # 07 (Phasor Algebra)	Chapter	# 06 (Scalars & Vectors)		
MCQs 08 Chapter # 07 (Phasor Algebra)	Exercise 6.2	Q.06, Q.08, Q.11, Q.15, Q.16		
Chapter # 07 (Phasor Algebra)	Short Questions	Q.21		
	MCQs	08		
Full Chapter Delete	Chapter # 07 (Phasor Algebra)			

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P .	APER-B	
Chapter	r # 08 (Complex Numbers)	
Exercise 8.2	Q.02, Q.03, Q.04, Q.05	
Exercise 8.3	Full	
Short Questions	Q.15, Q.016, Q.17, Q.18, Q.19	
Chapter	# 09 (Partial Fractions)	
Exercise 9.4 Full Short Questions Q. 09, Q. 15 MCQs 07		
Chapte	r # 10 (Number Systems)	
	Nothing to Delete	
Chapter # 11 (Boolean Algebra)		
Exercise 11	Q.04, Q.05, Q.06, Q.07, Q.08, Q.10,	
Short Questions	Q.11, Q.12 Q. 08, Q. 09, Q. 15, Q. 17, Q. 18, Q. 19, Q. 21	
MCQs	06	

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	سليبسكاحصدنهيى هي الهزاان سوال	
Chapter	<pre># 12 (The Straight Line)</pre>	
Exercise 12.2	Q. 02, Q.03, Q. 04, Q. 05, Q. 06,	
	Q. 07, Q. 08, Q. 09, Q. 10	
Exercise 12.3	Q. 03 (c)	
Exercise 12.4	Q. 01(Complete), Q. 07, Q. 08,	
	Q. 09, Q. 10, Q. 11, Q. 12, Q. 13,	
	Q. 15, Q. 16, Q. 17	
Exercise 12.5	Q. 06	
Exercise 12.6	Full	
Short Questions	Q. 05, Q. 08, Q. 10, Q. 11, Q. 12,	
	Q. 13, Q. 14, Q. 16, Q. 20	
MCQs	07	
Chapter # 13 (The Circle)		
Exercise 13	Q. 02, Q. 05(Complete), Q. 06(C),	
	Q. 08(Complete), Q. 09	
Short Questions	Q. 06, Q. 07	
MCQs	04, 05, 06, 07, 09, 10, 13, 14	

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