Smart Syllabus of Applied Mathematics-I (MATH-113)
Session 2020-21

Note: Dear students the following Exercises / Questions, Short Questions, MCQs are excluded from syllabus.

عزیز طلباء سمارٹ سلیبس کی وجہ سے درج ذیل سوالات اس سال سلیبس کا حصہ نہیں ہیں۔ لہذا ان سوالات کو کراس کر دیں۔

P A P E R - A

Chapter # 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 (Sequences and Series)	
Exercise 2.3	Full
Exercise 2.6	Full
Exercise 2.7	Full
Short Questions	Q.09, Q.10, Q.11, Q.12, Q.19, Q.22, Q.23, Q.24, Q.25
MCQs	05, 09, 16, 17, 18, 19, 20

Chapter # 03 (Binomial Theorem)	
Exercise 3.2	Full
Short Questions	Q.11, Q.12, Q.13, Q.14, Q.15
MCQs	14, 15, 16

Chapter # 04 (Partial Fractions)	
Exercise 4.4	Full
Short Questions	Q.09, Q.15

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Chapter # 05 (Fundamentals of Trigonometry)	
Exercise 5.1	Full
Exercise 5.2	Q.11(Complete), Q.12, Q.13
Short Questions	Q.02(Complete), Q.03(Complete), Q.04, Q.05, Q.06, Q.07, Q.08, Q.09, Q.10, Q.11, Q.12, Q.13, Q. 14, Q.15
MCQs	01, 02, 03, 04, 05, 06, 11, 12, 13

Chapter # 06 (General Identities)	
Exercise 6.2	Q.02, Q.03, Q.05, Q.17, Q.20
Exercise 6.3	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 # 07 (Solution of Triangles)	
Exercise 7.1	Full
Exercise 7.2	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.

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PAPER - B

Chapter # 08 (Scalars & Vectors)

Nothing to Delete

Chapter # 09 (Matrices and Determinants)

Exercise 9.2	Q.02, Q.03, Q.04, Q.05, Q.06
Short Questions	Q.11, Q.21
MCQs	08, 10

Chapter # 10 (Area of Triangles)

Nothing to Delete

Chapter # 11 (Area of Quadrilaterals)

Nothing to Delete

Chapter # 12 (Area of Polygons)

Nothing to Delete

Chapter # 13 (Area of Circle)

Nothing to Delete

Chapter # 14 (Area of Irregular Plane Figures)

Nothing to Delete

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Chapter # 15 (Mensuration of Solid)	
Exercise 15	Q.08
Short Questions	Q.11
MCQs	09

Chapter # 16 (Mensuration of Cylinder)	
Exercise 16	Q.10
Short Questions	Q.06

Chapter # 17 (Mensuration of Pyramid)	
Exercise 17(B)	Full
MCQs	08, 09, 10

Chapter # 18 (Mensuration of Cone)	
Exercise 18(B)	Full
MCQs	07

Chapter # 19 (Mensuration of Sphere)	
Exercise 19(B)	Full
Short Questions	Q.12, Q.13, Q.14
MCQs	04, 05

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