

Smart Syllabus of Applied Mathematics-II (MATH-212)
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۔

Chapter # 01 (Functions & Limits)

Exercise 1.3	Full
Short Questions	Q.12, Q.13, Q.14, Q.15
MCQs	05, 08, 09, 10

Chapter # 02 (Derivatives)

Exercise 2.1	Full
Exercise 2.3	Q.03 (Complete), Q.04 (i), Q.04 (iii)
Exercise 2.4	Full
Short Questions	Q.14, Q.19, Q.20, Q.21
MCQs	06, 09

Chapter # 03 (Differentiation)

Exercise 3.1	Q.01 (Complete), Q.07 (ii), Q.08 (Complete), Q.09 (Complete)
Exercise 3.2	Full
Exercise 3.3	Q.02 (Complete), Q.03 (Complete)
Short Questions	Q.02, Q.04, Q.05, Q.06, Q.07, Q.08, Q.09, Q.10, Q.13, Q.16, Q.17, Q.18, Q.19, Q.20, Q.21
MCQs	10, 11, 12, 13, 14, 15, 16, 18, 19, 21, 22.

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Chapter # 04 (Rate of Change of Variable)

Exercise 4.1	Q.07, Q.08, Q.09, Q.10
Exercise 4.2	Q.06, Q.07, Q.08.
Short Questions	Q.04, Q.09, Q.11, Q.12, Q.17, Q.18
MCQs	01, 02, 12

Chapter # 05 (Integration)

Exercise 5.1	Q.18, Q.19, Q.20
Exercise 5.3	Q.01 (xiv), Q.02 (i), Q.02 (iv), Q.02 (x), Q.02 (xii), Q.02 (xiii)
Short Questions	Q.15
MCQs	02

Chapter # 06 (Methods of Integration)

Exercise 6.1	Full
Exercise 6.2	Full
Exercise 6.3	Q.02 (Complete), Q.03 (iii) Q.04 (Complete), Q.05 (Complete), Q.06 (Complete)
Short Questions	Q.02, Q.03, Q.04, Q.05, Q.11, Q.12, Q.13, Q.16
MCQs	01, 02, 03, 08

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Chapter # 07 (Definite Integrals & Applications)

Exercise 7.1 Q.01 (xi)

Exercise 7.2 Full

Short Questions Q.19

MCQs 05

Chapter # 08 (The Straight Line)

Exercise 8.2 Q.02, Q.03, Q.04, Q.05, Q.06, Q.07,
Q.08, Q.09, Q.10

Exercise 8.3 Q.03 (c)

Exercise 8.4 Q.01 (Complete), Q.07, Q.08, Q.09,
Q.10, Q.11, Q.12, Q.13, Q.15, Q.16,
Q.17

Exercise 8.5 Q.06

Exercise 8.6 Full

Short Questions Q.05, Q.08, Q.10, Q.11, Q.12, Q.13,
Q.14, Q.16, Q.20

MCQs 07

Chapter # 09 (The Circle)

Exercise 09 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