



ACCELERATED LEARNING PROGRAMME (ALP)

تسریع التعلیم پروگرام

برائے

سیکنڈری کلاسز

پنجاب کریکولم اینڈ ٹیکسٹ بک بورڈ، لاہور

UNIT - 1: QUADRATIC EQUATIONS

Classwork: Exercise: 1.1, Q: 1 (iii), Q: 2 (ii), Q: 3 (v, ix), Exercise: 1.2, Q: 1 (iii), Exercise: 1.3, Q: 10, 12, Exercise: 1.4, Q: 1, 9

Homework: Exercise: 1.1, Q: 1 (i, iv), Q: 2 (iv, v), Q: 3 (i, v), Exercise: 1.2, Q: 1 (i, vii, viii), Exercise: 1.3, Q: 2, 7, 9, 10, 14, Exercise: 1.4, Q: 3, 8, Miscellaneous Exercise: 1, Q: 1, Q: 2

UNIT - 2: THEORY OF QUADRATIC EQUATIONS

Classwork: Exercise: 2.1, Q: 1 (ii), Q: 2 (i), Q: 3, Exercise: 2.2, Q: 2 (vi), Q: 4, Exercise: 2.3, Q: 1 (i), Q: 2 (ii), Q: 5 (ii), Exercise: 2.5, Q: 1 (f), Q: 2 (b), Q: 3 (b), Exercise: 2.6, Q: 1, 2, 5, Exercise: 2.8, Q: 4, 10

Homework: Exercise: 2.1, Q: 1 (iv), Q: 2 (iv), Q: 4 (iii), Q: 10, Exercise: 2.2, Q: 2 (ii, viii), Exercise: 2.3, Q: 1 (v, vi), Q: 6 (i), Exercise: 2.5, Q: 1 (g, h), Q: 2 (d, e), Exercise: 2.7, Q: 2, 5, 10, 13, Exercise: 2.8, Q: 1, 5, 9, Miscellaneous Exercise: 2, Q: 1, Q: 2 (i-vii)

UNIT - 3: VARIATIONS

Classwork: Exercise: 3.1, Q: 4, 9, Q: 11 (iv), Exercise: 3.2, Q: 1 (iii), Q: 8, 11, Exercise: 3.3, Q: 1 (i), Q: 2 (iv, vi), Q: 3 (i), Q: 4 (iii), Exercise: 3.4, Q: 1 (i), Q: 2 (iv, vii), Exercise: 3.5, Q: 1, Exercise: 3.6, Q: 1 (iii), Q: 2 (ii), Exercise: 3.7, Q: 2

Homework: Exercise: 3.1, Q: 1 (iv, v), Q: 5, 7, Q: 11 (v), Exercise: 3.2, Q: 2 (ii), Q: 5, 10, 13, Exercise: 3.3, Q: 1 (iv, vi), Q: 2 (ii, v), Q: 3 (iv), Q: 4 (ii), Exercise: 3.4, Q: 1 (v, viii), Q: 2 (ii, v), Exercise: 3.5, Q: 3, 5, Exercise: 3.6, Q: 1 (ii, vi), Exercise: 3.7, Q: 3, 9, Miscellaneous Exercise: 3, Q: 1, Q: 2

UNIT - 4: PARTIAL FRACTIONS

Classwork: Exercise: 4.1, Q: 8, Exercise: 4.2, Q: 2, Exercise: 4.3, Q: 8, Exercise: 4.4, Q: 2

Homework: Exercise: 4.1, Q: 2, 4, 7, Exercise: 4.2, Q: 1, 6, 8, Exercise: 4.3, Q: 1, 6, Exercise: 4.4, Q: 3, 6, Miscellaneous Exercise: 4, Q: 1, Q: 2 (i-v)

UNIT - 5: SETS AND FUNCTIONS

Classwork: Exercise: 5.1, Q: 1 (i), Q: 3 (i, vi), Q: 4 (i), Q: 6 (i), Exercise: 5.2, Q: 1 (v), Q: 2 (iv), Exercise: 5.3, Q: 1 (i), Q: 2 (iii), Q: 4 (iii), Exercise: 5.4, Q: 3 (iii), Exercise: 5.5, Q: 3 (i), Q: 5 (ii)

Homework: Exercise: 5.1, Q: 1 (ii, iii, iv), Q: 3 (ii, iii, iv, v), Q: 4 (iii), Q: 6 (ii), Exercise: 5.2, Q: 1 (vi-viii), Q: 3, Q: 4 (ii), Exercise: 5.3, Q: 1 (iii, v), Q: 2 (ii), Q: 4 (v), Exercise: 5.4, Q: 5 (ii), Exercise: 5.5, Q: 3 (ii, iii), Q: 5 (iii), Miscellaneous Exercise: 5, Q: 1, Q: 2

UNIT - 6: BASIC STATISTICS

Classwork: Exercise: 6.1, Q: 1, Exercise: 6.2, Q: 3, 7, Exercise: 6.3, Q: 5 (ii)

Homework: Exercise: 6.1, Q: 3, Exercise: 6.2, Q: 11, 12, Exercise: 6.3, Q: 4, Q: 7, Miscellaneous Exercise: 6, Q: 1, Q: 2

UNIT - 7: INTRODUCTION TO TRIGONOMETRY

Classwork: Exercise: 7.1, Q: 1 (vii), Q: 2 (ii), Q: 3 (v), Q: 4 (viii), Q: 5 (iii), Exercise: 7.2,

Q: 1 (ii), Exercise: 7.3, Q: 1 (ii), Q: 2 (i), Q: 3 (iv), Q: 4 (vi), Q: 9, Q: 12 (viii) Exercise: 7.4, Q: 7, 20, Exercise: 7.5, Q: 1, 9

Homework: Exercise: 7.1, Q: 1 (ii, iii), Q: 3 (ii, vi), Q: 4 (ii, iii, v), Q: 5 (vii, viii), Exercise: 7.2, Q: 3 (i), Q: 5, 6, Exercise: 7.3, Q: 1 (iii), Q: 2 (ii), Q: 3 (iii), Q: 4 (ii), Q: 8, Q: 12 (i, v, xi) Exercise: 7.4, Q: 10, 11, 16, 24, Exercise: 7.5, Q: 3, 4, 8, Miscellaneous Exercise: 7, Q: 1, Q: 2

UNIT - 8: PROJECTION OF A SIDE OF A TRIANGLE

Classwork: Theorem: 2, Miscellaneous Exercise: 8, Q: 3, 5, 8 (Exercises are excluded)

Homework: Theorem: 2, Miscellaneous Exercise: 8, Q: 3, 5, 8 (Exercises are excluded)

UNIT - 9: CHORDS OF A CIRCLE

Classwork: Theorem: 2, 4 (Exercises are excluded)

Homework: Theorem: 2, 4, Miscellaneous Exercise: 9, Q: 1 (v-xiv)

(Exercises are excluded)

UNIT - 10: TANGENT TO A CIRCLE

Classwork: Theorem: 1, 3 (Exercises are excluded)

Homework: Theorem: 1, 3 Miscellaneous Exercise: 10, Q: 1(v-xi), (Exercises are excluded)

UNIT - 11: CHORDS AND ARCS

Classwork: Theorem: 1, 4 (Exercise is excluded)

Homework: Theorem: 1, 4, Miscellaneous Exercise: 11, Q: 1, (Exercise is excluded)

UNIT - 12: ANGLE IN A SEGMENT OF A CIRCLE

Classwork: Theorem: 1, 2 (Exercise is excluded)

Homework: Theorem: 1, 2 (Exercise is excluded)

UNIT - 13: PRACTICAL GEOMETRY-CIRCLES

Classwork: Exercise: 13.1, Q: 1, Q: 4, Exercise 13.2, Q: 4, Q: 5, Exercise: 13.3, Q: 6, 9, 11

Homework: Exercise: 13.1, Q: 1, Q: 4, Exercise 13.2, Q: 4, Q: 5, Exercise: 13.3, Q: 6, 9, 11, Miscellaneous Exercise: 13, Q: 1



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