

CLASS-10 :: MATHS

All Important Questions {All time - Evergreen}
+
VVVI Questions
+
Important Theorems + Examples

Chapter ① Real Numbers

| | |
|---------------------|--------------------------------------|
| <u>Exercise 1.1</u> | 1 (ii), 2, 4 |
| <u>Exercise 1.2</u> | 2, 7 |
| <u>Exercise 1.3</u> | 1, <u>2</u> [*] <u>VVVI</u> |
| <u>Exercise 1.4</u> | 1 (i, vi, vii) |

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Chapter ② Polynomials

| | | |
|---------------------|----------------------------|------------------|
| <u>Exercise 2.2</u> | 1 (iii, iv, v), 2 (iii, v) | <u>Example 9</u> |
| <u>Exercise 2.3</u> | 3, 4 | |

Chapter ③ Pair of linear Equations in two Variables

| | | | |
|---------------------|---------------------------|---------------------|-------------------------|
| <u>Exercise 3.2</u> | 2 (iii), 5, 7 | <u>Exercise 3.6</u> | 1 (iii, v) 2 (i, ii) |
| <u>Exercise 3.3</u> | 1 (vi), 3 (iv, v) | | |
| <u>Exercise 3.4</u> | <u>2 (ii)</u> <u>VVVI</u> | <u>Exercise 3.7</u> | 7 (optional) |
| <u>Exercise 3.5</u> | 2 (ii), 4 (ii, iv) | | |

Chapter ④ Quadratic Equations

Exercise 4.2 1 (iii, iv), 3, 4

Exercise 4.3 3 (ii), ~~6~~, 7, 9, 11

Exercise 4.4 ^{VVI}
2, 5

Chapter ⑤ Arithmetic Progressions

Exercise 5.1 3 (iii), 4 (xii)

Exercise 5.2 1 (ii, iv), 11, 13, ^{VVI}15, 17

Exercise 5.3 2 (i), 3 (vii), 5, 9, 10, 11, 13, 15

Exercise 5.4 1, 2
(optional)

Chapter ⑥ Triangles

Exercise 6.2 2, 4, 6, 9

Exercise 6.3 7, 14, 15

Exercise 6.4 2, 6, 7, 9

Exercise 6.5 3, ^{VVI}8, 12, 13

Theorems 6.1, 6.8

Examples 13, 14

Chapter ⑦ Coordinate Geometry

Exercise 7.1 3, 4, 7

Exercise 7.2 2, 5, 6 ^{VVI}

Exercise 7.3 1(i), 2(i), 4

Examples 4, 9

Chapter ⑧ Introduction to Trigonometry

Exercise 8.1 7, 9

Exercise 8.2 1(v), 3

* Exercise 8.3 2, 4, 5, 6 ^{VVI}

Exercise 8.4 3, 5 (i, ii, iii, iv, viii, ix)

Examples 2, 8, 10, 13, 15 ^{VVI}

Derivation of 30°, 60°, 90°

Chapter ⑨ Some applications of Trigonometry

Exercise 9.1 2, 9, 10, 14, 15

Examples - 5, 6

Chapter ⑩ Circles

Exercise 10.2 1, 7, 8, 11, 12, 13 ^{VVI}

Examples 2, 3

Theorem 10.2

Chapter ⑪ Constructions

Exercise 11.1 1, 4, 5, 7

Exercise 11.2 2, 4, 5, 6

Chapter (12) Area Related to Circles.

Exercise 12.1 3, 4

Exercise 12.2 5, 6, 13

Exercise 12.3 1, 2, 5, 8, 9, 10, 15

Examples : 6

Chapter (13) Surface areas and Volumes

Exercise 13.1 4, 7, 9

Exercise 13.2 5

Exercise 13.3 4, 6, 7

Exercise 13.4 2, 4, 5

Examples . 2, 6, 7

Chapter (14) Statistics

Exercise 14.1 5

Exercise 14.2 4

Exercise 14.3 1, 4

Exercise 14.4 2, 3 VVVV

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Chapter (15) Probability

Exercise 15.1 10, 13, 14, 17
18, 22, 23, 24

Exercise 15.2 5
(optional)

Examples 6, 9