



## CHAPTER-WISE IMPORTANT EXERCISES &amp; QUESTIONS

## 1 Functions &amp; Graphs

Exercise 1.1 — Question#9 **V.V.V.Important**

Exercise 1.3

Exercise 1.4 — Question#2

Exercise#1.5

## 2 Limit, Continuity &amp; Derivative

Exercise 2.1 — Q1, Q3 (part 12+13)

Exercise 2.2 — Q6, 7, 8, 15, 16, 17, 18

Exercise 2.3 — Q1, 2, 6, 8, 10, 11, 12

Exercise 2.6

Exercise 2.7 **V.Imp**

Exercise 2.8

Exercise 2.9

Exercise 2.10 — Q3, 4, 6, 8, 11, 15, 16

Note: you can skip Exercise 2.10 if your rest of chapter is good &amp; you have done Exercise 3.8

## 3 Integration

Exercise 3.2

Exercise 3.3

Exercise 3.4

Exercise 3.5

Exercise 3.6 — (Question 1, 2, 5, 7)

Exercise 3.7

Exercise 3.8 **full imp**

## 4 Differential Equations

Exercise 4.1 — (Question 1 part vii, Q2 + Q3)

Exercise 4.2 — Question 9-15

Exercise 4.3 — Question 4-15

Exercise 4.4 **full**

## 5 Kinematics of Motion in a Straight Line

Exercise 5.1 — Q1, 3, 4, 6, 8, 9, 10, 11, 13, 14

Exercise 5.2 — Q1, 2, 3, 4, 5, 6, 7, 9, 12

Exercise 5.3 — Question#2

## 6 Analytical Geometry

Exercise 6.1 — Question 4 till 14

Exercise 6.2 **full**Exercise 6.3 **full**

## 7 Conic Section

Exercise 7.1 — Q1(MCQ) | short: Q4,6,8,9 | long: Q10,13

Exercise 7.2 — short: Q3,4,6,7,8 | long: Q2,9

Exercise 7.3 — Q1(MCQ) | short: Q3 | long: Q4

Exercise 7.4 — MCQ: Q1 | short: Q2(ii,iii,v) | long: Q3

Exercise 7.5 — short: Q3,4,6,7 | long: Q8,9,10

Exercise 7.6 — MCQ: Q1 | short: Q2(i,ii,iii,v)

Exercise 7.7 — short: Q2,3 | long: Q4,6

Exercise 7.8 — MCQ: Q1 | short: Q2(i,iii,v,vii)

Exercise 7.9 — short: Q2,4,5

Exercise 7.10 — long: Q3,6,7,8

Review Exercise — Q1,4,5

## 8 Inverse Trig. Functions &amp; their Graphs

Exercise 8.1 — Q2 + 3

Exercise 8.2 **full**Exercise 8.3 **full**

## 9 Solution of Trigonometric Equations

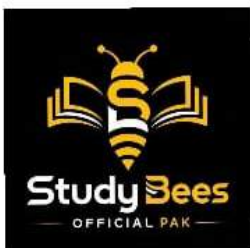
Exercise 9.1 — Q3, 4, 5, 6

Exercise 9.3

## 10 Numerical Method

Just understand concept of:

- Bisection method
- Newton Raphson method
- Regula Falsi method
- Simpson's rule
- Trapezoidal rule

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