

7.7 ANSWER KEY

(Objective Ex. 7.1)

Que.	1	2	3	4	5	6	7
Ans.	A	B	B	C	A	A	C

(Subjective Ex. 7.2)

1. (i) 13 (ii) $a(t_2 - t_1)\sqrt{(t_2 + t_1)^2 + 4}$ 3. $x = 7$ or -1 6. $\frac{25}{2}$ sq. units, $5\sqrt{2}$
7. 5 units 9. $(-4, -2)$ 10. $(1, -3)$ 11. $K = -15$
13. $(7, 2)$ or $(1, 0)$ 14. $\frac{11}{8}, -\frac{3}{8}$ 16. $3 : 2, a = 5$ 17. $(3, 0)$
18. $p = 7/3, q = 0$ 19. $a = 1, b = 3$ 20. $(-2, -5)$ 21. $(-1, \frac{9}{2})$
22. $k = -2$ 23. 53 sq. units 25. $(4, -2)$