



Standard Set 1 Code: 30/6/1		
Section	Question Number	Answer
A	1	D) irrational number
	2	C) 0
	3	A) $(x+1)^2=2x+1$
	4	A) 2
	5	B) 4
	6	B) 3 cm
	7	C) 150
	8	C) $\frac{3}{4}$
	9	D) 6
	10	B) Q
	11	B) 45
	12	B) 1:2
	13	A) 30
	14	C) 2:1
	15	B) 13 and 12
	16	C) 52 is the mode of data
	17	A) unique solution
	18	D) $\frac{4}{\sqrt{15}}$
	19	D) Assertion is false, but Reason is true.
	20	D) Assertion is false, but Reason is true.
B	21	(a) $x=2, y=1$ OR 115 and 65
	22	(b) $\tan A = \frac{4}{3}$
	23	-

	24	-
	25	69
C	26	(b) p.q.r+q is composite number, (i) p=2, q=3, r=5 (ii) p=2, q=3, r=7
	27	zeros=2, -2/3 new polynomial $3x^2-13x+16$
	28	consistent, x=6, y=0
	29	p=8,q=3, ABCD is not a rectangle
	30	-
	31	$-\sqrt{3}/2$
D	32	(a) PA=60m, PB=25m, (b) smallest value of P=-1/2, roots of eq are 1/2
	33	(b) AD=4cm
	34	Volume=2025.33 cm cube, SA=1360.8 cm sq
	35	x=34,y=46

vidyaroohi Learning