



Standard Set 1 Code 30/4/2		
Section	Question Number	Answer
A	1	D) $p(x)$ has at most three distinct zeroes.
	2	D) $11/12$
	3	D) $ab(1 - ab)(1 + ab)$
	4	C) a positive irrational number
	5	D) $-1/2$
	6	D) (1, 4)
	7	A) 50
	8	B) 6 only
	9	D) 40
	10	C) $\sec^2\theta = 1 + \tan^2\theta$
	11	C) $\cos 20^\circ > \cos 70^\circ$
	12	D) $15\sqrt{3}$ m
	13	C) 11
	14	D) $\sqrt{2}r$
	15	B) 100
	16	C) Classes preceding the median class
	17	A) 20
	18	D) $BC = 3EF$
	19	B)
	20	D)
B	21	(a) 7 OR (b) $1/2$
	22	(i) $29/30$, (ii) $1/30$
	23	$x=2, y=1$
	24	(a) 1.071
	25	(9, -13)

C	26	$x^2 - (3a + 2)x + (-9b + 3a + 1) = 0$
	27	Perimeter of ABCD = 80 cm
	28	HCF= xy^2 , LCM= $x^5 y^4$
	29	36 and 54
	30	-3, 3
	31	-
D	32	Mean= 26.67 Mode= 28.33
	33	A) Sides= 6m, 8m, 10m, Perimeter= 24m, Area= 24 sq m, Diff= 0 B) x= 6, 7/2
	34	(ii) PS= 20/3, (iii) 9/25
	35	Rs. 19608.40
E	36	(i) 1550, (ii) 1500, (iii)(a) 520 sec, (b) 31
	37	(ii) 173 m (iii) (a) 4.38 s (b) 3.46 s
	38	(i) 7m, (ii) 60, (iii) (a) 145.1 sq m , (b) 58.67 m