PRACTICE SET 1					
MARKS : /100			TIME : 20 MIN		
2 MARK EACH					
Sr.no	Sum	Answer	Sr.no	Sum	Answer
1	256 x 51		26	x − y = 7 and 5x + 2y = 42	
2	621 x 679		27	$(345)^3$	
3	$(54)^2$		28	9672 ÷ 104	
4	88 x 92		29	(5z - 19) / (4z + 11) = 5/7	
5	14562 x 25891		30	5835 X 5165	
6	6243 x 6757		31	$\sqrt[3]{46656}$	
7	126849 ÷ 1011		32	$2x^2 + 6x - 8$	
8	9010 ÷ 106		33	38% of 744	
9	846 x 500		34	35214 x 65014	
10	$(3x^3 + 5x^2 - x - 2) \div (x - 1)$		35	$(547)^2$	
11	$x^2 - 9x - 36$		36	$\sqrt{5416}$	
12	936 ÷ 12		37	7013 x 6987	
13	$(321)^2$		38	$(2x^2 + 9x + 10) \div (x + 2)$	
14	40896 - 28057		39	$4x^2 - 3x - 10$	
15	872910 ÷ 1020		40	450 x 250	
16	10x + 18 = 8x - 14		41	9558 ÷ 15	
17	(x - 6)(x - 5) = (x - 5)(x + 4)		42	$(7x^2 - 3x + 6) \times (x^2 + 5x + 4)$	
18	(4x + 15) / (4x - 7) = 7/4		43	x + y = 6 and 2x − 3y = 5	
19	3/(x + 4) - 8/(x - 2) = 0		44	4789 × 31	
20	(2x − 2) x (3x + 5)		45	(x - 4)(x - 9) = (x + 2)(x - 6)	
21	115 x 95		46	$x^2 - x - 56$	
22	460 x 250		47	675 x 625	
23	$\sqrt{9409}$		48	$\sqrt[3]{10648}$	
24	9x + 7 = 6x + 9		49	$(903)^2$	
25	507 x 508		50	$(21)^3$	

PRACTICE SET 2					
MARKS : /100			TIME : 20 MIN		
2 MARK EACH					
Sr.no	Sum	Answer	Sr.no	Sum	Answer
1	698 x 71		26	3/(x + 6) + 5/(x - 1) = 0	
2	631 x 669		27	$(427)^3$	
3	$(59)^2$		28	8314 ÷ 108	
4	51 x 49		29	(4y + 5) / (5y + 11) = 2/4	
5	47804 x 90125		30	4997 X 4003	
6	6012 x 5988		31	$\sqrt[3]{405224}$	
7	751943 ÷ 1010		32	$2x^2 - 15xy + 18y^2$	
8	5093 ÷ 107		33	41% of 650	
9	750 x 250		34	106237 ÷ 1009	
10	$(7x^3 + 2x^2 - x - 1) \div (x + 2)$		35	$(515)^2$	
11	$x^2 - x - 56$		36	$\sqrt{7921}$	
12	357 ÷ 13		37	6012 x 5988	
13	$(421)^2$		38	$(x^2 - 2x + 1) \div (x - 1)$	
14	58904 - 25846		39	9014 x 8986	
15	844155 ÷ 999		40	3691 x 500	
16	5x + 4y = 23 and x − y = 3		41	714 ÷ 14	
17	(x + 5)(x - 8) = (x + 4)(x + 4)		42	$(x^2 + 9x + 4) \times (9x + 3)$	
18	9x + 7 = 6x + 9		43	(2y - 17) / (1y - 11) = 4/10	
19	2/(x - 2) + 3/(x + 5) = 0		44	2479 × 61	
20	(7x + 5) x (3x − 7)		45	(x - 10)(x - 3) = (x + 19)(x + 16)	
21	205 x 198		46	$x^2 - x - 56$	
22	642 x 500		47	621 x 679	
23	$\sqrt{3481}$		48	$\sqrt[3]{46656}$	
24	4x + 18 = 3x - 14		49	$(113)^2$	
25	HCF of 17 ,23		50	$(18)^3$	

PRACTICE SET 3					
MARKS : /100			TIME : 20 MIN		
2 MARK EACH					
Sr.no	Sum	Answer	Sr.no	Sum	Answer
1	987 x 31		26	(x - 10)(x - 9) = (x - 9)(x - 4)	
2	844 x 856		27	$(322)^3$	
3	$(516)^2$		28	2580 ÷ 107	
4	204 x 196		29	$(3x^2 + 14x + 8) \div (x + 4)$	
5	56801 x 87421		30	1209 X 1791	
6	9802 X 9198		31	$\sqrt[3]{658503}$	
7	106237 ÷ 1009		32	$3x^2 + 15x + 12$	
8	5890 ÷ 106		33	77% of 325	
9	658 x 500		34	673812 ÷ 1012	
10	4x + 18 = 3x - 14		35	$(53)^2$	
11	$(4x^2 + 46x + 90) \div (4x + 10)$		36	$\sqrt{10201}$	
12	966 ÷ 17		37	9014 x 8986	
13	$(901)^2$		38	(4y - 7) / (7y - 18) = 6/5	
14	48047 - 10493		39	39402 × 41	
15	45045 ÷ 99		40	691 x 250	
16	$4x^2 - 4x - 15$		41	9329 ÷ 19	
17	3x − y = 5 and x + 4y = 20		42	2x + 3y = 17 and x − y = 4	
18	$(2x^2 - 7x + 6) \times (x + 3)$		43	$2x^2 - x - 7$	
19	(2x - 3) / (1x + 6) = 4/5		44	(x +7)(x - 5) = (x + 4)(x + 9)	
20	7/(x - 3) + 6/(x + 2) = 0		45	5x + 7/2 = 3x/2 - 14	
21	20% of 12		46	$x^2 - 9x - 36$	
22	562 x 500		47	631 x 669	
23	$\sqrt{3969}$		48	$\sqrt[3]{405224}$	
24	10x + 18 = 8x - 14		49	1012 x 1015	
25	HCF of 23, 69		50	$(25)^3$	