



Page No. : ..... Solution of womentur No-1 page 3 ONE 6 + {(916): b = 2a-34 (7,-1) & (5,y) belong to the above set put a=x 2 b=-1 put a=5 2 b=y -1-27-3 y= 10-3 y=-7 · 7=1, 7=7 AM ON.7 - R= ((x,y): 3x-y=0 4 A= {11213, --- 144 R= ((1,3)(2,6)(3,9)(4,12)4 Ronge = { 3,6,9,124 No y Wahan = 2 14x14 = 2 196 On-8 1 (1) Set builder form (2) Roster form

(2) Roster form R= { (9,3) (9,-3) (4,12) (4,1-2), (25,5) (25,-5) 4 (3) Domain = { 9, 4,254 (4) Ronge = { 3,-3, 2,-2, 5,-54 (1) (adamain Set B= 15,3,2,1,-2,-3,-54 On 9 + R= { (x, x3): x is a flime number less than 104 R= { (2,8) (3,27) (5,125), (7,343) 4 Am CLASSTIME

Topic: Rula hopate: from Chan Page No.: Pagy 4 Dalo A = 1 1,2,3,54 B= 14,6,94 R= { (x, y: defleunce yw xby is oddy R= { (1,4) (1,6) (2,9) (3,4) (3,6) (5,4) (5,6) 4 Damain= 11,2,3, 54 Allow deagram On-11+ R= (9,6): a+3b=12 ( = 12-3b) R= 1 (9,1) (6,2) (3,3) 4 ANS Damain 29,6,34 Ronge = 11,2,34 On 12 + R= 1 (9,b): a-b et an Integery of a & b au integer then a-b au always an integer : a & Z, b & Z a-b & Z · Danain= Z Range - Z Codomain Z AM ON 13+ R= 1 (9,6): 9EN, a<5, b=44 R= { (1,4) (214) (314) (4,4) 4

	Topic: Page No.: Page No.: Page No.:
	Domain = 1 1, 2, 3, 4 4  Rongi = 144
On 14	$+ R = \{(q,b): b =  a-1  ; atz,  q  \le 3 \}$
	4   91 = 3 Then a can take value -3, -2, -1, 0, 1, 2, 3
	a = -3 then $b =  -3-1  = 4a = -2$ then $b =  -2-1  = 3$
	a = -1 , $b = 2a = 0$ , $b = 1a = 1$ , $b = 0$
	a = 2, $b = 1a = 3$ , $b = 2$
	- R = ((-3, 4) (-2, 3) (-1, 2) (0,1) (1,0) (2, 1) (3,2) \\  Domain = \left( -3, -2, -1, 0, 1, 2, 3 \right)  Rony = \left( 4, 3, 2, 1, 0 \right) Ann
	$A = \{2,3,4,5\}$ $B = \{3,6,7,10\}$
	R= { (x,y): x divides y } => (7)
	R= (2,6) (2,16) (3,3) (3,6) (5,10) 4  Domain= (2,3,54)
	Ronge = 16, 10, 31