2.14 Construct a table for GF(2<sup>5</sup>) based on the primitive polynomial  $p(X) = 1 + X^{2} + X^{5}$  Let a be a primitive element of GF(2<sup>5</sup>). Find the minimal polynomials of a<sup>3</sup> and a<sup>3</sup>

	10010	+x+x	44	
	0100]	1+ ×3	k-Y	
	10110	4+x+x+x	Se Y	
	01011	1+4+43	ie?	
	10111	カヤキアナアナ1	TC PO	
	1100]	1+ 43+ 44	Set	
	11110	4+4+4+4	mex /	
	01111	c P + P + P + 1	E-Y	
(+4x+x) 10101 x+x+x+		ec?		
Z	11000	12+ X + X	12 p	
X+/	0 ( 1 00	EX TEX	oc Y	
	00110	2p+p	by Y	
	00011	70+1	8,70	
	10011	1+4+4+	47	
	11011	1+x+ 43+x4	710	
	1111117	1+8+42+03+0	51%	
	13191	4x+2x+2x+1	to P	
	11100	12+ 12+ xx	× 15	
		87 +77 P	7 P	
+XX+1=	00111	xx+x+1.	$\gamma_{\mu}$	
d. d9 = d+ d+	10001	1+94	٧,٥	
8 x . x	11010	X+ X3+ X4	b. 70	
5 + EX = 1x - X	01101	Extx+1	g V	
5 P. P	)0100	+x+x0	SP	
ox, ox	01.010	Q+X3	9 X	
	60101	2×+1	5 X	
	0000	A <sup>d</sup>	* X	
	01000	¥.	$\chi_3$	
	00100	< N	Z.X	
	00010	X	X	
	00001	1	T	
	00000	0	0	