Many: Hume Manune Warney oran

NM: 2000053 Kelas - Star. OL

set Theory Augnment 4: elementary Mathemakeal Logic (c11B3)

Problem 1

No: blangan cadan

2, blangan bulat

: buangan rasumi

R: buahgan real

bleangan tomplets

Fawaban,

No. P	1 cangan					
6	reangan	Ho	2	a	R	C
-	4-16	V	V	V	V	V
4	(5/2)				٧	V
WX:3	51v				V	V
X:4	X = 1 = 1 0	V	V	V	V	V
X:0	x = 1024 ->x-5	V	V	V	V	V
		6		V	V	マ
Ax.	2 -1 ≥0 -> X	=+1/3		V	V	L
F.X	1+5x + 6 = 0					V
X	4x2+1=0				V	レ
	.1=0				W.E.	11

Problem 3

7. benat, karena O adalah angasta dari himpunan kotong

b. Salah, tumpusan torong busin anggota dari loj

C. Benar, karenz & adalah subset dan semua-humpunan

d. Bonar, karena setiap himpunan adalah subset dinga e. Bellar, tevena sing etcon (6) adough sucset du sondin

Postern 3

7/PCAJ = (O, Exzz

by PCB) = {Ø, {x}}, {y}, {y}, {x,y}}

c) pco) = {0, {0}, {43, {0, 43}}

1) PCD) = [0, E03, [0,03, [0. E4, E0333

9 P(E)={0,{x}, {\formula},{\formu

Problem 4

7) 1P((a3) = 2

b) 19 ({a, {a,b33}) 1 = 4

c) | P ({a,b,{a,b}}) = 8

1) 16

e) 2

Problem 5

· tentulan

A= [42,3,4,6,84

B= 5 3,6,03

C= {213,57}

Jawaban:

a. AUBUC = [112,3,4,5,6,7,0,07

b.A1B16=539

C. A-B = [1,2,4 0]

d B-c = 5694

C. PCB-C)={0, E64, 593, 56.634

Problem 6

a. AUBUL = [1,2,3,4,15 4

b. (AnBAC) = [14,5,63

C. (A-B)-C= 544

d. A-(B-C)=[1,2,3,49

e. (ADD) DC= Faisy

Problem 7

7. 112026 K= 1 AK

· A1 = [214,6,...3

Ad = [4,6,0,...

As =[6,0,10, .. y .. dst Azoto

Union Ak =[2,3,4,9

b. () som

C. U2020 KOI BK = [1,2,5, ..., 20204

d. 1200 k21 Be = { 13

```
Possem o
9. |A| = 24200
b. 131 = 16650
CIANBI = STO
 d. [AUB] = 347 60
 e. 1 A ABI = 24750
 Problem 9
 Musultan:
   C: luny komputer
   Bi Bisnis
    total: 300
   C = 220
    B: 147
    CA B251
   CUB = 220 + 147 -51 = 316
   Yang tidak mengambil laduannya
   = 350-316= 39 orang.
  Problem 10
  total = 2009
  Java (1) : 1876
   Parca: 999
   C =345
  of Jap. 076
      PAC = 231
      JAC = 296
      20 PAL = 189
```

- 7254 - (1016 +999 + 345 + -816-231-290+

100) = 1302 org