Assignment # 01:No:1
deseription

The language L of string of even length, define over 2 = 20 written as.

No: 2 descriptione

the language L of string that does not start with 'y' define over $2 = \frac{2}{3} = \frac{2}{3} = \frac{2}{3}$.

No: 3 description

The language of string of length 2 define over $\xi = \{0,1,2,3,4,5\}$ written as

 $L = \{00, 01, 11, 12, 21, 02, 20, 23, 24, 25, 30, 31, 32, 33, 34, 35, 40, 41, 42, 43, 44, 45, ---- \}$

No: 4 description

The larguage of string with equal number of a's equal to the number of b's, defined over $2 = 2a, b^3$.

No: 5 deceripture

The language of 0.6" defined over $5 = {a,b}.$

No 3 6 description

No: 7 description

The language L of string with one even and one odd define ove L = 2n, y3.

No : 8 descriptions

The lampuage Lof string starts with a defined over. 2=5a, b,c,d3.

L= \ ab, ac, ad, abc, abd, acd, abrd, acd, abrd, acbd, acdb, adbc, adcd, adbaddbc, abcdc, abcdc, abcddbc, abcdc, abcdc, acceddbb, ---}

No : 9 description

The language of L with having same ending and starting letter defined over

2 = { w, n, y, 2}

2 = \ wm, wmyw, wmy zw, wmny zw, mwn,

Nym, x = n, Nwyn, mwy = n, ywy,

ymy, yzy, yw my, ywm = y, y mmy,

myyn, ywwy, yzzy, yznzy,

yzzzmy, --- }.

1/m . 7

No : 10 description

The lampuage L of string which starts with a's with end with b's which is defined over

左= ~a, b?

No: 1

Recursive

- 1- C belong to this lampuage 2-96 n is in even the (n+2)(n-2) belong to 2
- 3- No other string encept describe above are part of this language.

No: 3 Resursive

- 1- w,n,y, 2 belong to this lawfrage 2-96 n is in Lthen sen) is also in L where 's' belong to £
- 3. No other string except describe above are part of this long rape.

No: 3 REBUTCHUR

below to this 1-0,1,2,3,4,5 langrage

of S(r) and n=2 then 3 belong te tensvage No other string except describe above are part of this Lamprage No : 4 Recurrive ab be long to this language 2- s(a) (b) s are in 2 where 3 belong 3 - No other string except describe above are part of this Congrege

NO 3 5 Recursive 1 - ab belong to this language 2- if m is in {a, boy then axb is in 3-No other string except describe above

No: 6 Recordive

to this language 1 - whole number belong whale number 2- if n is in Prime then belong to 2

3- No other integer except constructed in above are allowed to be in prime.

No: 7

Recursive

1- M, y ave in laufvagle 2.

2-5() to 8 are a.b in 2, where

s belong to 2.

3- No string except those constructed in above, are allowed to be

No: 8 Recordine

1. a are in L.

2-s(a) are also in 2 where s belong to 2

3- No string except those constructed in above one allowed be in 2

No: 9 Reconsive

1- n, w, y, z, ave in 2 2- s(w) (a) and (b) s(b) ave also in 2, where s belong to 2 3- No Aring except above me allowed in 2. 66 aa. 6 661 No : 10 Recursive ab one in language 2- (a)(s(b) are in L, where 5 belong to 2 No string except above ave included an language.