T.

Which sequences are accepted by the FA?

a) 001 b) E

c) 010 d) 0100

2. L1=20,003; L2=2 €,1,113; Which elements belong to L1€ L2? a>0; 6>00; c>1, d>01

3. G=(75,A4,79,64,P,5); Which reguerous ∈ L(G)?

P: S → 9A

A > 651AA1a

C) aaa

d) abb

4. 0+ (bx)\* 0\*; which segumes can be generated by the regex? a> 0b+c o b> 0b0
e> 06c0 d> 0c

II. G=(35,A,B 3, 19,63, P,S); Corresponding RE, FA S→ε | aA | 6B A→6A | 6B B→aA | aB|a III. PDA for L=2 (a6) mcm | m20, m20, n, me/M3

1. G=(25,A,B), 20,13, P,S); FIRST, FOLLOW? G>ABIBB A>OA[ε[SB]

I. Intermediary code; the table (triplets on guadryplets)

for i:= 1, m do

for j:= 1, m do

if izj then:

D:= D+i

D:= D+1

O( : = 1)

BALE