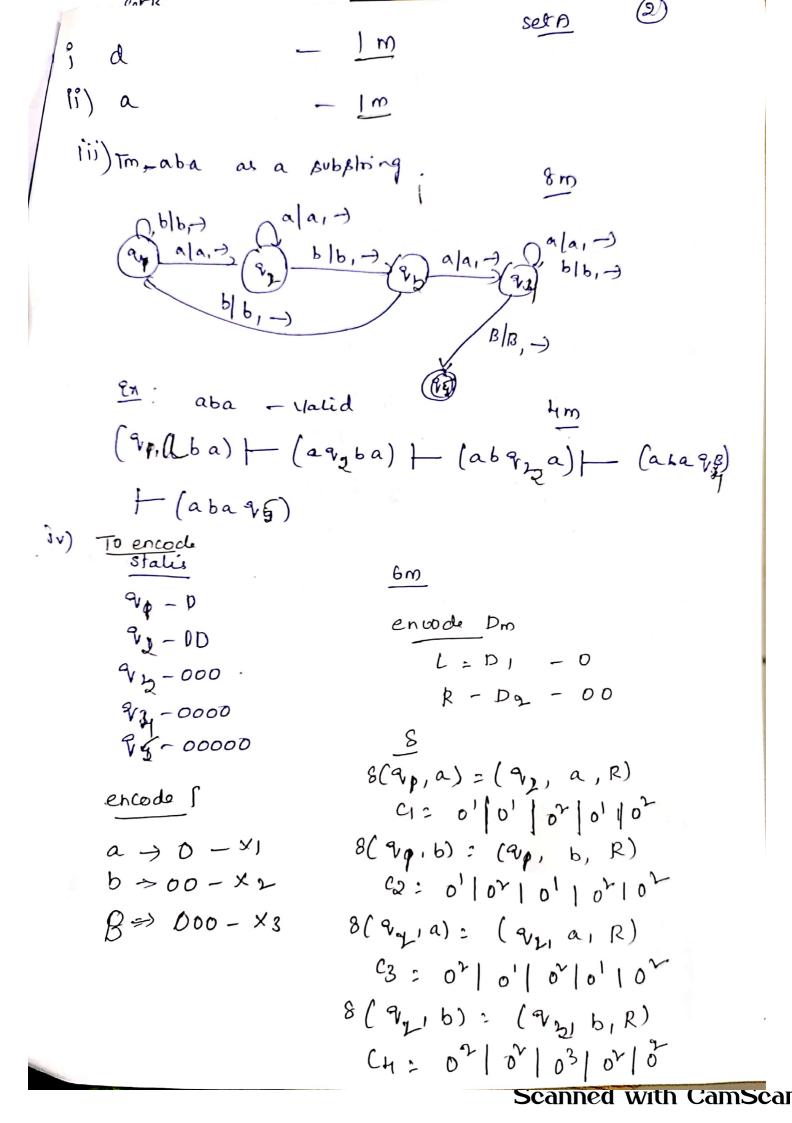


Hence the storing not accepted by griven Im iii) TRUE jn) D (3) i) multitape Turing machine us more powerful than a single tape Tueing machine becausif has more Storage space, can perform certain computations mode efficiently in lime of time complexity. However single tape, multi lake Time are equivalent housever hanguages in secognising banquages. m f (m) = 2+2 Brost (00,0)

800 8000 Blo, -> A, B|B-> Q = 390,91,923 2. {0,B}. 7: {0,8} 8 (20,0) (20,0) A) 8 (NO, B) = (N, O, R) 8 (9,1-B) - (9,2,0,R) 8 (921B) = (92, B, R)



S(921a) = (93, a, R) Cs= 03/01/04/01/07 8(92,6) = (9p, 6, R) C6 = 03/0×/01/02/0× 8 (93, a) = (93, a, r) C7 2 04/01/04/01/0 8 (92,16) = (92,16,R) C8 = 04/02/04/02/02 8 (93, B) = (95, B, R) c9: 04/02/05/03/07.