O have the following language L is not context free

L= { q b b q i | i > j > k 2 | 3 Let Mbe the number of variables in 6. 2" Z= 2" +62" + 9" + 7 EL Z = UVWXY IVWX < uvuxyEL #i 210 VWX 911 95: group of as either me of them should nork VX at 10447 | a and at 18941 | b: 0= 2 vx at legat 1 b and at legat one a: i=0 x Confiddictions in All canon, Lis Not confext Fier

TEST I OVERVIEW 3) construct a pale P that accepts he following language
by empty stock:

Let L(6) where G=(T, N, P, E) with To Eid, +, x, ()3 E > E + E | E # E | (E) | 14 E > (E) | 1 (E) E | 1 (E) 三分十三十三十三三十三三十二

(9,8) (p, x2) (9,8) (4) construct a grammer for L(6) for the ingrage 16 $\mathcal{L}(p,b,z) = \mathcal{E}(p,xz) \quad \mathcal{L}(p,z) = \mathcal{E}(q,z) \quad \mathcal{L}(p,b,z) = \mathcal{E}(p,xx) \quad \mathcal{L}(p,b,z) = \mathcal{E}(p,z) \quad \mathcal{L}(p,b,z) = \mathcal{E}(p,z) \quad \mathcal{L}(p,z) \quad \mathcal{L}($ 53 [p, 7, p] [p, 2, 8] ··· [qm, 8m, 9m+1] L(9,9,A) contains (9,18,5,18m) (9,9,A) contains (p, E): Lq, A, p) > 4 (p, xz) = S(p,b,z) [p,z,] > 6[p,x,] [, z, [p,z,p] > b[p,x,p][p,z,p]|b[p,x,q][g,z,p] $(p, X, X) \in \mathcal{L}(p, b, X)$ $(p, X, X) \in \mathcal{L}(p, b, X)$ $(p, X, X) \Rightarrow b[p, X, p][p, X, p][b[p, X, 2][q, X, p][q, X, p]$ 7717 2711 27

TEST IL OVERVIEW 15 Productions

TEST IL OVERVIEW Construct a turing machine for the language in avestion 1.