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Roll No- 17103011
                   Assignment-6
        P= ? O, E, T, S, S, F3
        0 = 2 5, P3
        乞= ミルカト
        + = 223
         F = 2 P3
     Transition relation & 8 is as follows
      (s, x, \epsilon), (s, x)
 2. ( (5, 2, 4), (3,2x).)
 3. ((s,y, x), (1, E))
 4.
      ((P, J, n), (P, E))
          P= {Q, E, T, J, S, F}
2.
 Q= E 5,P3
 E = Ea,6,0)
 T = {a, 6}
 F = EP3
                             7. (5, (,9), ( P, a))
 S=) 1. ((S, 9, E), (S, 9))
                             8. ((s,c,b), (1,6))
       2. (Cs,b,E), Cs,b))
       g. (cs,a,a), (s,aa)) | g. ((s, C, E), ( P, E))
       4. ((s,a,b), (s,ab)) 10. ((P,a,a), (P,E))
      5. ((s,b,b), (s,6b)) 11. ((P,6,6), (P,E))
      6. ((s, 6,a), (s, ba))
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3. P= {0, E, T, S, S, F3
     Q= {s, p, Q}, E= {x,y}, T= {x}, F= {0}
   S=) 1.(E,x,E),(5,x))
       2. ((5, ×, >1), (5, ×(>1))
        3. ((s,y,x),(B,x))
        4. ((P,y, n), (O,E))
        5. ((0,4,x), (p,x))
     P= { Q, E, T, 8, 5, F)
4.
      Q= [5,P], Z= [9,6], T= [9,6], F= [P]
  S=1. (S,q,E),(P,a)
        2. (s,b, E), (P,b)
        3. ( P, a, a), (P, aa)
        4. (P,b,b), (P,66)
        5. (P, a, 6), (P, E)
         6. (P, 6, a), (P, E)
5. P= {Q, E, T, S, S, F}
     0 = \{ s, P, f \} \qquad T = \{ \gamma, \gamma \}
E = \{ \gamma, \gamma \} \qquad F = \{ f \}
    So) 1.((s,x,E), (P,x))
         7.((5, y, E), (P,y))
         3. ((P, x, x), (P, xx))
         4. ((P, yy), (P, yy))
         5. (P, M,y), (P, E))
         6. ((P, y, x), (P, E))
        7.((P, E, t), (f, E))
```