(b) f + c f=(23456) C=(R, B, B, R, R, R) f"+c=(R, R, B, R, R, B) (d) gof= (3 2 3 4 5 6)(12 3 4 5 6) = (123456) 2.19 of) * C = (R, B, R, R, B, R) fag=(123456)(123456) = (1 2 3 4 5 6) (fog) * C = (k. k, B, K, K, K) 70. 1 The permutation group has two permutation (23) (323). ~ N(q, c)== (23+2")=6. 27 with p colors N(G, c)= = (p3+p2)

```
26. D7 Cycle factorization type monomial
   (1) [1] 0[3] 0[4] 0[5] 0[1] 0[7] (7,0.0.0.0.0) Z?
   P7 [1,2,3,4,5,6.7] (0.0,0,0,0,0) 2/
   87 [1,3,5,7,2,4,6] (********) Z7
   67 [1, 4, 7, 3, 6, 2,5] (0,0,0,0,0,0) 27
  e7 [1,5,2,6.3,7.4] (0.0,0.0,0,0.1) &7
  87 [1.6.4.2,7.5.3] (0.010.0,010.1) 87
 87 [1,7,1,5,4,3,2] (0.0.0.0.0.0.1) 87
 r, [1], [2.7], [3.6], [4.5] (1.3.0.0.0.0) 2/33
 t2 [1.3].[2].[4.7].[5.6] (1.3.0.0.0.0) Z; Z;3.
     [1.5], [2.4] = [3] • [6.7] (1.3.0.0.0.0) = [2].
 r4 [1.7].[2.6].[3.5].[8] (1.1.0.0.0.0.0) 2.23.
                           (1.3,0.0.0.0) 3, 23.
     [1.2]-[3.7]-[4.6]-[5]
 rt
 r6 [1.4].[2.5]. [5.7]. [6] (1.3.010.0.0) 7:2].
 17 [1.6] ·[1.5] ·[3.4] ·[7] (1.1.0.0.0.0.0) 7; 23.
  G= 14 (2, +627+78:23)
Por a (r+b, +2 b + r3+b3, +4 bx, +5+b5, +6+b6, +7+b7)
= 1 (r+b) + 6(r7+b7) + 7 (r+b)(r2+by3)
= 1/4 ( C7 + 7× (32) = X
             i' There are & different types.
```