```
1. 103 ON confort-lenses SOFT/HARD/NONE
                         ATTPIBUTE "AGE
                        AGE = YouNG
(CZ, 2, 4) = E(\frac{2}{8}, \frac{7}{8}, \frac{1}{8}) = -\frac{2}{8} \cdot \log(\frac{7}{8}) - \frac{3}{8} \cdot \log(\frac{7}{8}) = 0.451
                       AGE = PRE-PRESB/OPIC

info([2,1,5]=E(\frac{2}{8},\frac{1}{8},\frac{5}{8})=-\frac{2}{8}\cdot log(\frac{2}{8})=\frac{1}{8}\cdot log(\frac{5}{8})=0.391
                        AGE = PASSCITCT = E(\frac{1}{8}, \frac{1}{8}, \frac{1}{8}) = -\frac{1}{8} \cdot \log(\frac{1}{8}) - \frac{1}{8} \cdot \log(\frac{1}{8}) = 0.319
                       info ([2,24), [2,1,5], [1,1,6]) =: 451(8) + 391(3) + 319(3) + 0,387
                    ATTERBUTE "SPECTALLE-PREGERP"
                              \inf(3,1,8) = E(\frac{3}{12},\frac{1}{12},\frac{3}{12}) - \frac{3}{12} \cdot \log(\frac{3}{12}) - \frac{1}{12} \cdot \log(\frac{1}{12}) - \frac{8}{12} \cdot \log(\frac{8}{12}) = 0.358
                                  [1, \frac{1}{12}, 
                        info([3,1,8],[2,3,7) = .358(\frac{12}{24}) + .417(\frac{12}{.24}) = [0.389]
                   ATTRIBUTE "ASTIGNATISM
                       NO
info([5,0,7])=E(5,12,7)=-5,109(5)-0- 7,109(7)=0.295
              · info([0,4,8],[50,7])=.276(12)+.295(12)=10.286
                   ATTRIBUTE "TEAR-PROD-PATE"
                                 info([5, 4,3]) = E(\frac{5}{12}, \frac{1}{12}, \frac{3}{12}) = -\frac{5}{12} \log(\frac{5}{12}) - \frac{1}{12} \log(\frac{7}{12}) - \frac{3}{12} \log(\frac{7}{12}) - \frac{7}{12} \log(\frac{7}{12}) - \frac{7}{1
                                  \frac{2604(60)}{40} = \frac{121}{60} = \frac{12}{12} = \frac{12}{12} = 0 = 0 = 0
\frac{12}{12} = \frac{12}{12} = 0 = 0 = 0
\frac{12}{12} = 0 = 0 = 0
\frac{12}{12} = 0 = 0 = 0
\frac{12}{24} = 0 = 0 = 0
\frac{12}{24} = 0 = 0 = 0
TEAR-PROD-RATE = "NORMAL"
                    SPECTACLE-PRESCRIP
                   = HMPERMETROPE
                             10 fo ([3, 1, 2]) = E(3, 6, 2) = -3. log(3) - 1. log(1) - 2. log(2) = 0.439
                              inf((2,3,1)) = E(\frac{2}{6},\frac{3}{6},\frac{1}{6}) = 0.439
                             info([3,1,2],[2,3,1])=.439(12)+.439(12)=[0.439]
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```
"ASTIGMATISM
    = YES ([0,4,2])=E(0,4,2)=0-4.log(4)-2.log(2)=0.276
     info((5,0,1))=E(=,0,t)===-109(=)-0-t-109(=)=0.196
     \inf((0, 42), (5,0,1) = .276(6) + .196(6) = 0.236) \times 157 LEVEL
   AGE
   = PRE- PRESBYOGC
     info([2,1,1) = E(=+,+,+)=-=109(=)-+0109(=)-+109(=)=0452
   = PRESBYOBIC
     mfo(C_1, 1, 2) = E(\frac{1}{4}, \frac{1}{4}, \frac{2}{4}) = 0.452
     [1,1] ([2,2,0]) = [(\frac{2}{4},\frac{2}{4},0] = \frac{2}{4}(0g(\frac{2}{4}) - \frac{2}{4}(10g(\frac{2}{4}) - 0 = 0.30)
TEAR-PROD- PATE="REDUCED" info (AGE) = ,452 (1/2) +,452 (1/2) +,452 (1/2) = 0,402
   SOEC- PRESLEVE
   = HYPERMETROPE
    10 (to,0,0)=E(0,0,6)=-0-0-610g(6)=0
    infe ( ro, 0, 6) = 0.
    info ([0,0,6], [0,0,6]) = 0
   ASTIGNATION
  info =0
   AGE
    info = 0
   FEDUCED: NOVE 15T LEVEL
                                                      tear-prod-rate
                                                      normal reduced
                                               astigmatism
                                                                    none
```

if the - ges Curent accuracy = 9/14 if (wid= F) the 7-yes L Coverage => 8/14 accuracy = 6/8 if (windy = F) / (Haridity = Norma) -> YS 1 cowage = 4/14 accoracy = 4/4 => 600% if \_\_ thin a yls Correct according = 9/14 if (temp=wild) -> yes Coursel = 6/14 accuracy = 4/6 if (temp= Will) / (Homidiby = wound) -> yes Coverage = 2/14 acoracy = 2/2 = 7/00)

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Sug 473 A1
 Question 3
 Pre-prestagapie, hypermetro pe, yos, reduced
 1) P(CL = Nove) = 15/24
 P(CL = SOFE) = 5/24
 P(CL = Hard) = 4/24
 2) P (age = PP / CL = None) = (S+1)/(5+3) P (age = PP / CL = SEE) = (5+3) P (age = PP / CL = Look) = (1+1)/(4+3)
    P (Pas = hyp | Cl = Dave) = (8+1) (15+2) | P(Pas=hyp | Cl = See) = (3+1) (5+2) P(Pas=hyp | Cl = hord) = (1+1) (6+2)
    P(asti = ges | c1 = None) = (8+1) (15+2)
                                  P(asti=yos) cl = 5000) - 6+3! P(asti=yos) cl = Lord= (4+) (4+3
    P (TRR = redo ) C(= none) = (11+1) (E+2) & (TR=(Eb) ) C(= SFE) = (+1/5+4)(TPR=(Eb) ) C(= Lord) = (0+1)/(E+2)
P(CL=NovelE)=
                                                      P(CL=hard[E) =
                                  P(CL=SOFE |E) =
(6/18)(9/17)(9/17)(12/12)(6/27)
                                  = (3/8)(4/7)(1/7)(1/7)(6/2) = (2/7)(2/6)(5/6)(1/6)(5/2)
                                            P(E)
                                                                     P(E)
=) 0.039079991
                                   PE29PP500.0 (= 51817P000.0 (=
       P(E)
                                           P(E)
                                                                     P(E)
 Norwalization Costant = P(E) = 0.039079991 + 0.000971817 + 0.002449539
                                 = 0.092561347
MRfore, P(CC= voul E)= 0.039079991/0:042501347 = 91.95 = 22/
             P(CL=SFELE) = 0.000971817/0.642501347 = 2.287% = 2.3%
             P(CC = hors/E) = 0.002449539/6.042901347=5.763/=5.8%
```