CAP6673 EXAM We need to use generalized classification Rule Class () = \ \ \text{FP if \ \frac{\fin}{\fin}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fir}{\fin}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}{\frac{\frac{\frac{\fir}{\fir}}{\firanc{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fra 0.75 ? 0.30 Yes -> NFP 0.75 > 2.5 Yes => NFP

9 Westion 5

(a)
$$K = \frac{1+0+1}{3} = \frac{2}{3} \text{ fault}$$
 $L = \frac{9+12+8}{3} = \frac{29}{3} \text{ fault}$
 $M = \frac{8+9+5}{3} = \frac{22}{3} \text{ fault}$
 $N = \frac{2+2+1}{3} = \frac{5}{3} \text{ fault}$

6) majority Voting Class () - { NFP of NFP > C FP otherwise

For K PNFP = 3 = 1 and Pp = 0 = 0 1 > 0.75 Yes > NFP

For L PAFF = 0 = 0 and PFP = 3 = 1 0 20.75 No => FP

For M [NFP - 0 = 0 and PFP - 3 = 4 - 20.75 NO => FP

Guertin 6

TPR = 30 40

TNR = 85

FPR = 5

FNR = 10 40

Precision = 30 35

Recall = 30

Accoracy = 115

Enno = 15 Rate 130