AB, AC, AD, BC, BD, CD, AE AB, AC > ABC AB, AD -> ABD AS, BD AB, CD > MBCD AB, AE -> ABE AC, AD, BC, BD, CD, AC AC, AD -> ACD AGBC-> AC, BD-> AC, CD-> AC, AE> ACE AD, BE, BD, CO, A 0 theres ; ABC, ABD, ACD, BCD, ABE, ACE, ADE, BCD, ABCDV

5 (log 5) - 5 (log 5) - log(x) + log 2 Colour. | Red | Yellow | fed - 3 log(3) - 3 log(3) [5]
Yello - 3 log(3) - 3 log(3)

G(59,70) M(68,71) 701 Qu. 65 (60161) 60 55 Schutor 1 50 80000 PD 80 600068 50 55 60 65 70 [64-60]+ (61-60)2 J471 = JI7 = 4. approx (GIM) = 1(59-68) # [71-70] = 597-12 = 9 (S,M) -> (S,M) · No of clution = 2 (S,R) V GIM) V option D

Donatic Ento (origin) = 1.94 1.94-1 Color .72-1 1-94-1 K= Nestally 18 and c V (3(3)

5 (694)+ 5 (8-97) E (Red) = 0.44.+ 0.528 E (Yellow) = 6-44+0-528 co, E (red) + w, E (yellow) 2X0.97 1.94 Sperl SVU E BPONDS \$ 100 (F) - 3 (NO) F) - 1 dog 1 - 5 dog 13) = - 2 log(=) - 1 dog 2/3 - L log (0-25) - 3 (log 26) 1.728

4.(59.70) M (68,71) 70 Q4. (60161) 65 60 55 S Clustor 1 50 8960998 4E15008 50 55 60 65 70 (S,B) = [64-60]+ (61-60)2 J47 = 117 = 4. approx (GM) = 1(59-68# #1-70)2 = 592+12 = 9 (S,M) -> (S,D) & (G,M) · No of Chitrary = 2 (S,R) V GIM) V option DV

ABD ACD BCD BCE ABCO COMBED ABD, ACD, BED, BCE, CA BCDE ACDE ABCD, BCDE, ACDE

P(2,22-17) P(Paily) p (Red | yea) = 3/5 p (Dometh 2 | yea) = 2/5 P (SUV) Yee) = 1/5 P(Y)=1/2 P(Y)=P(N)=1/2 P (Red NO) = 2/5 P (Domhz/10) = 3/5 P(500| NO) = 4/5 P(Red, Domatic, SUV/4e) = 3x 2x - x-1 = 0.038 x 1