Tyonin Ancenin MY7-525 Donamee zagame N2 Bapuann N17 Anomun D.C. MY7-525 A32 Bap. 17

C- osumun cmysenm C-p: cnopmanen-pazpagnuk norm uz 30 ms 1) Varog: (24, 22, 21, 26, 26, 26), vge i; { {C-p, c} - j-ù borogumuri cmygenn $N = A_{30}^{5} = \frac{30!}{25!} = 30.29.28.27.26$ 2) A = 9 Mu soproso C-p3=> => (C, C, C, C, C) - porju, dez noton! $A N_A = A_{25}^5 = \frac{25!}{20!} = 25.24.23.22-21=>$ $= 7 P(A) = \frac{N_A}{N} = \frac{25 \cdot 29 \cdot 23 \cdot 22 \cdot 27}{30 \cdot 29 \cdot 28 \cdot 27 \cdot 26} \approx 0,3728$ Ombem: [0,3728]

Bqp.17

N2 (Pasoma Hag omnokamu)

 $A = \{ y = \delta \}$ $B_0 = \{ \chi_1 = 2, \chi_2 = 2 \}$

 $B_1 = \{ \chi_1 = 1; \chi_2 = \delta \text{ um } \chi_4 = \delta; \chi_2 = 1 \}$ $B_2 = \{ \chi_1 = \delta; \chi_2 = \delta \}$

max (P(BolA), P(B1/A), P(B2/A))-?

yes. Bep. mb $P(B|A) = \frac{P(BA)}{P(A)}$

2)
$$B_0$$
, B_1 , $B_2 - 17TC = 7 \begin{cases} q_0 - na & nam. \\ eq_p - mn \end{cases} = 7$

$$= 7P(A) = P(A|B_0)P(B_0) + P(A|B_1)P(B_1) + P(A|B_2)P(B_2) = ?$$

$$P(B_0) = 7(?, q, q) = \frac{3}{5}, \frac{2}{7} = \frac{3}{10}$$

$$P(B_1) = 7(?, q, q) = \frac{3}{5}, \frac{2}{7} = \frac{3}{10}$$

$$P(B_2) = 7(?, q, q) = \frac{2}{5}, \frac{1}{7} = \frac{1}{10}$$

$$P(A|B_0) = \begin{cases} 3 & 7(A|B_1) = \frac{5}{6} \end{cases}$$

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$$|A_1|B_2 = \begin{cases} 3 & 7(A|B_1) = \frac{5}{6} \end{cases}$$

$$|A_2|B_3 = \begin{cases} 3 & 7(A|B_1) = \frac{5}{6} \end{cases}$$

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$$P(A) = \frac{3}{6} \cdot \frac{3}{10} + \frac{4}{6} \cdot \frac{8}{10} + \frac{5}{6} \cdot \frac{1}{19} = \frac{9 + 29 + 5}{60} = \frac{38}{60} = \frac{19}{30}$$

$$3) P(B_0|A) = \frac{P(B_0|A)}{P(A)} = \frac{9}{30} \cdot \frac{9}{30} = \frac{P(A|B_0) \cdot P(B_0)}{P(A)} = \frac{9}{10/30} = \frac{9}{30}$$

$$P(B_1|A) = \frac{P(A|B_1) \cdot P(B_1)}{P(A)} = \frac{29/60}{19/30} = \frac{12}{19}$$

$$P(B_{1}|A) = \frac{P(A|B_{2}) P(B_{1})}{P(A)} = \frac{5/60}{19/30} = \frac{5}{38}$$

$$\frac{4) P(B_{0}|A) = \frac{9}{38} \approx 0,2368}{P(B_{1}|A) = \frac{12}{19} \approx 0,6316}$$

$$P(B_{1}|A) = \frac{12}{19} \approx 0,6316$$

$$P(B_{2}|A) = \frac{3}{38} \approx 0,1316$$

Onsem: nausaill beparmen nowson us 1-00 senoro u 1-00 repriso uaprob, represe representation mux bo ?- to youry.