

Домаинес 20

$$A = \{1, 2, 3, 6, 7\}$$

$$B = \{3, 4, 5, 6\} \quad U = \{1, 2, 3, 4, 5, 6, 7, 8, 9\}$$

$$C = \{5, 6, 7, 8\}$$

$$P_0 = \bar{A} \cap \bar{B} \cap \bar{C} = \{4, 5, 8, 9\} \cap \{1, 2, 7, 8, 9\} \cap \{1, 2, 3, 4, 9\} = \{8, 9\} \cap \{1, 2, 3, 4, 9\} = \{9\}$$

$$P_1 = \bar{A} \cap \bar{B} \cap C = \{4, 5, 8, 9\} \cap \{1, 2, 7, 8, 9\} \cap \{5, 6, 7, 8\} = \{8, 9\} \cap \{5, 6, 7, 8\} = \{8\}$$

$$P_2 = \bar{A} \cap B \cap \bar{C} = \{4, 5, 8, 9\} \cap \{3, 4, 5, 6\} \cap \{1, 2, 3, 4, 9\} = \{4\}$$

$$P_3 = \bar{A} \cap B \cap C = \{4, 5, 8, 9\} \cap \{3, 4, 5, 6\} \cap \{5, 6, 7, 8\} = \{4, 5\} \cap \{5, 6, 7, 8\} = \{5\}$$

$$P_4 = A \cap \bar{B} \cap \bar{C} = \{1, 2, 3, 6, 7\} \cap \{1, 2, 7, 8, 9\} \cap \{1, 2, 3, 4, 9\} = \{1, 2, 7\} \cap \{1, 2, 3, 4, 9\} = \{1, 2\}$$

$$P_5 = A \cap \bar{B} \cap C = \{1, 2, 3, 6, 7\} \cap \{1, 2, 7, 8, 9\} \cap \{5, 6, 7, 8\} = \{1, 2, 7\} \cap \{5, 6, 7, 8\} = \{7\}$$

$$P_6 = A \cap B \cap \bar{C} = \{1, 2, 3, 6, 7\} \cap \{3, 4, 5, 6\} \cap \{1, 2, 3, 4, 9\} = \{3, 6\} \cap \{1, 2, 3, 4, 9\} = \{3\}$$

$$P_7 = A \cap B \cap C = \{1, 2, 3, 6, 7\} \cap \{3, 4, 5, 6\} \cap \{5, 6, 7, 8\} = \{3, 6\} \cap \{5, 6, 7, 8\} = \{6\}$$