

Name: _____ M.Number: _____ KDDM1 (707.003), 06.11.2014, Group(B)

1. Missing Data

- a) What are the implications of missing data for the knowledge discovery process?
- b) How can missing data be categorized?
- c) How to deal with missing data in a data set (consisting of rows and columns)?

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2. Let $\Omega = \{1, 2, 3, 4\}$, and $\mathcal{A} = 2^\Omega$. Let $P(i) = \frac{1}{4}$, where $i = 1, 2, 3, 4$. Let $A = \{1, 2\}$, $B = \{1, 3\}$, $C = \{2, 3\}$.

- a) Are A , B , and C pairwise independent?
- b) Are A and B conditionally independent given C ?