$\begin{array}{c} Distributed\ Information\ Systems:\ Winter\ Semester\ 2011/2012\\ \mathbf{Quiz\ 1:\ Overview\ on\ Distributed\ Information\ Systems} \end{array}$

Student	Name:	Date:	27 Sep	201	1
Student	ID:	Time:	9:50AM	to :	10:05AM

S.	tudent ID:			:50AM to 10:05AM			
		Total number of question has a					
1.	Which answer is true: All information	on systems					
	 □ use a relational database to ma ⋈ implement a conceptual model □ process data from sensor inputs □ require indexing structures for one 	corresponding to s	some aspect of real	lity.			
2.	The following is an example of data independence:						
	□ hiding the access path to data□ hiding ones location in order to□ hiding the part of reality that is	preserve privacy.	- ·	stem.			
3.	Which of the following statements about tries is not true:						
	□ Tries support prefix queries.⊠ Tries are a balanced tree struct□ Tries support indexing of string						
4.	In an heterogeneous information system the primary purpose of an ontology is:						
	\boxtimes to overcome semantic heterogeneity. \square to ensure data quality.		□ to overcome syntactic heterogeneity.□ to reduce query latency.				
5.	Relational schema normalization is a task that corresponds in the ANSI architecture to the:						
	\Box conceptual layer	\boxtimes logical layer		\square physical layer			
6.	Which of the following information systems use a pull-based approach for information access:						
	\boxtimes Peer-to-peer file sharing	\square Twitter		\square RSS			
7.	Distribution—Autonomy—Heterogeneis □ semantics—pragmatics—syntax ⊠ syntax—pragmatics—semantics □ syntax—semantics—pragmatics	ty correspond to e	each other like:				