

eExam Question Bank

Coursecode:

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<input type="checkbox"/>	Question Type ↓↑	Question ↑↓	A ↑↓	B ↑↓	C ↑↓	D ↑↓	Answer ↑↓	Remark ↑↓
<input type="checkbox"/>	FBQ	A situation whereby every transaction must preserve the integrity constraints is called <input type="text"/>	Consistency					<input type="button" value="eExam"/>
<input type="checkbox"/>	FBQ	<input type="text"/> statement makes permanent the changes resulting from the SQL statements in the transaction	commit					<input type="button" value="eExam"/>
<input type="checkbox"/>	FBQ	"The results of Read and Write requests is calculated by querying a majority of replicas" is the replication concept of <input type="text"/>	Quorum					<input type="button" value="eExam"/>
<input type="checkbox"/>	FBQ	The query ability to perform lookups on the graph structure is known as <input type="text"/>	Joins					<input type="button" value="eExam"/>
<input type="checkbox"/>	FBQ	The data merge problem for XML is addressed by <input type="text"/>	RDF					<input type="button" value="eExam"/>
<input type="checkbox"/>	FBQ	Information about indexes and their distribution with respect to each other are known as <input type="text"/>	Statistics					<input type="button" value="eExam"/>
<input type="checkbox"/>	FBQ	UniGrid is an acronym for <input type="text"/>	Uncertain Inverted GRID Structure	uncertain inverted grid				<input type="button" value="eExam"/>

<input type="checkbox"/>									
<input type="checkbox"/>	FBQ	The process of choosing a reasonably efficient query execution strategy is known as <input type="text"/>	Query optimization						eExam
<input type="checkbox"/>	FBQ	The nearest neighbor queries processing technique that involves extension of pruning to some portions of uncertainty regions which cannot be completely pruned is known as <input type="text"/>	Bounding						eExam
<input type="checkbox"/>	FBQ	A database in which objects do not have precise positions is a <input type="text"/>	Uncertain database						eExam
<input type="checkbox"/>	FBQ	JDBC is an acronym for <input type="text"/>	Java Database Connectivity						eExam
<input type="checkbox"/>	FBQ	<input type="text"/> .allows historical and real time stream content to be combined in a single database object.	Archived streams						eExam
<input type="checkbox"/>	FBQ	There are three phases that a query passes through during the DBMS' processing of that query. These are Parsing and translation, Optimization and <input type="text"/>	Evaluation						eExam
<input type="checkbox"/>	FBQ	A collection of multiple data streams, each of which arrives sequentially and describes an underlying signal is called a <input type="text"/>	streaming database						eExam
<input type="checkbox"/>	FBQ	The vehicle for instructing a DBMS to update or retrieve specific data to/from the physically stored medium is a database <input type="text"/>	query						eExam

<input type="checkbox"/>									
<input type="checkbox"/>	FBQ	A <input type="text"/> is a function from the set of variables V to the set of URI references R , blank nodes B , or literals L .	variable binding						eExam
<input type="checkbox"/>	FBQ	To save disk space for the on-disk indices, we compress the individual blocks using <input type="text"/> coding.	Huffman						eExam
<input type="checkbox"/>	FBQ	<input type="text"/> structure provides prefix lookups which would allow us to implement a complete index on quads with only six indices	B-tree index	B tree index					eExam
<input type="checkbox"/>	FBQ	A links analysis technique which is used to simultaneously derive ranks of entities and data-sources is called <input type="text"/>	ReConRank	reconrank					eExam
<input type="checkbox"/>	FBQ	<input type="text"/> creates and optimises the logical plan for answering both interactive browsing and structured queries.	Query Processor						eExam
<input type="checkbox"/>	FBQ	<input type="text"/> provides network access to the local indices, offering atomic lookup functionality over the local indices.	Index Manager						eExam
<input type="checkbox"/>	FBQ	A pipelined crawling architecture which is able to syntactically transform data from a variety of sources (e.g., HTML, XML) into RDF for easy integration into a Semantic Web system is called <input type="text"/>	Multi Crawler						eExam
<input type="checkbox"/>	FBQ	YARS2 is an acronym for <input type="text"/>	Yet Another RDF Store Version 2	Yet Another RDF Store, Version 2					eExam
<input type="checkbox"/>	FBQ	SWSE is an acronym for <input type="text"/>	Semantic Web Search Engine						eExam

<input type="checkbox"/>									
<input type="checkbox"/>	FBQ	FOAF (vocabulary) is an acronym for <input type="text"/>	Friend of a Friend						eExam
<input type="checkbox"/>	FBQ	The set tables in a RDBMS which contain meta data information about user databases which relationships exist among these tables but there is no foreign key relationship is called <input type="text"/>	system tables						eExam
<input type="checkbox"/>	FBQ	A group of SQL statements which is executable code, a mini-program, can be called by name and performs a particular task that can be invoked the same way one can call a function or method is called <input type="text"/>	stored procedure						eExam
<input type="checkbox"/>	FBQ	To prohibits two transactions from manipulating the same data at the same time we use a <input type="text"/>	lock						eExam
<input type="checkbox"/>	FBQ	<input type="text"/> is used by DBMSs to maintain data in a consistent state (data consistency) while allowing more than one user to access a database at the same time (data concurrency).	transactions						eExam
<input type="checkbox"/>	FBQ	<input type="text"/> Is used to delete all rows and removes the table definition from the database.	DROP TABLE						eExam
<input type="checkbox"/>	FBQ	<input type="text"/> is used to populate a newly created table or to add a new row (or rows) to an already-existing table	INSERT						eExam
<input type="checkbox"/>	FBQ	"DROP TABLE" falls under the category of which SQL command? <input type="text"/>	DDL	Data Definition Language					eExam

<input type="checkbox"/>									
<input type="checkbox"/>	FBQ	The commands which create or change tables and other database objects such as views and indexes is called	DDL	Data Definition Language					eExam
<input type="checkbox"/>	FBQ	The commands which deal with data, either retrieving it or modifying it to keep it up-to-date is called	DML	Data Manipulation Language					eExam
<input type="checkbox"/>	FBQ	In order to relate two tables, there must be a column which appears in both tables and this column, which must be the primary key in one table, is called the	foreign key						eExam
<input type="checkbox"/>	FBQ	The keyword used to compare strings, and which offers the feature that patterns containing wildcards can be used is	LIKE						eExam
<input type="checkbox"/>	FBQ	In a database where data may not be available the database takes care of situations by using a	null value	null					eExam
<input type="checkbox"/>	FBQ	stores information in such a way that information can be retrieved from it presenting information in tables with rows and columns.	relational database						eExam
<input type="checkbox"/>	FBQ	ODBC is an acronym for	Open Database Connectivity						eExam
<input type="checkbox"/>	FBQ	API is an acronym for	application programming interface						eExam
<input type="checkbox"/>	FBQ	is a method used to ensure that transactions are executed in a safe manner and follow the ACID rules.	Concurrency control						eExam

<input type="checkbox"/>									
<input type="checkbox"/>	FBQ	While representing complicated dimensions using multiple tables, it results in a <input type="text"/> schema	snowflake						eExam
<input type="checkbox"/>	FBQ	The dimensional model is a specialized adaptation of the relational model used to represent data in data warehouses in a way that data can be easily summarized using <input type="text"/>	On-Line Analytical Processing	On Line Analytical Processing					eExam
<input type="checkbox"/>	FBQ	We combine data from multiple tables into one, by doing a <input type="text"/>	join						eExam
<input type="checkbox"/>	FBQ	Web sites, such as Wikipedia, perform <input type="text"/> queries when generating pages.	SQL						eExam
<input type="checkbox"/>	FBQ	Users (or programs) request data from a relational database by sending it a <input type="text"/> that is written in a special language	query						eExam
<input type="checkbox"/>	FBQ	A key that has an external, real-world meaning (such as a person's name, a book's ISBN, or a car's serial number) is sometimes called a <input type="text"/> key	natural						eExam
<input type="checkbox"/>	FBQ	<input type="text"/> are used to match up rows of data in different tables	keys						eExam

<input type="checkbox"/>									
<input type="checkbox"/>	FBQ	<p>The relational model was introduced in an academic paper by Prof. E. F. Codd in 1970 as a way to make database management systems more independent of any particular application. It is a mathematical model defined in terms of</p> <input type="text"/> and <input type="text"/>	predicate logic, set theory						eExam
<input type="checkbox"/>	FBQ	<p>The network model (defined by the CODASYL specification) organizes data using two fundamental constructs, called</p> <input type="text"/> and <input type="text"/>	records, sets						eExam
<input type="checkbox"/>	FBQ	<p>In a <input type="text"/> model, data is organized into a tree-like structure, implying a single upward link in each record to describe the nesting, and a sort field to keep the records in a particular order in each same-level list.</p>	hierarchical						eExam
<input type="checkbox"/>	FBQ	<p><input type="text"/> model consists of a single, two-dimensional array of data elements, where all members of a given column are assumed to be similar values, and all members of a row are assumed to be related to one another.</p>	flat	table					eExam
<input type="checkbox"/>	FBQ	<p>A/An <input type="text"/> is a way of structuring data which also defines a set of operations that can be performed on the data.</p>	data model						eExam
<input type="checkbox"/>	FBQ	<p><input type="text"/> databases aim to remove the traditional divide between documents and data,</p>	XML						eExam

<input type="checkbox"/>									
<input type="checkbox"/>	FBQ	The first successful database product for microcomputers was _____ _____ for the CP/M and PC-DOS/MS-DOS operating systems.	dBASE	dbase					eExam
<input type="checkbox"/>	FBQ	Something about which data is recorded is called _____	Entity						eExam
<input type="checkbox"/>	FBQ	_____ is a collection of fields of the same type.	Domain						eExam
<input type="checkbox"/>	FBQ	A key that can be used to uniquely identify a row in a table is called a _____	unique key						eExam
<input type="checkbox"/>	FBQ	Any character or symbol used to separate data in a record is called _____	Delimiter						eExam
<input type="checkbox"/>	FBQ	A group or collection of programs that give the user access to a collection of information is called _____	Database Management System	DBMS					eExam
<input type="checkbox"/>	MCQ	Arrange in the right order, the process below 1. processing the result 2. loading the driver 3. creating statements 4. fetching the right classes 5. the actual connection and JDBC URL	1,2,3,4,5	5,4,3,2,1	3,5,1,2,4	4,2,5,3,1	D		eExam
<input type="checkbox"/>	MCQ	The type of data Join performed on uncertain data where the Join is performed based on the distance between the two items is known as _____	Difference Join	Distance Join	Similarity Join	Probabilistic Join	C		eExam
<input type="checkbox"/>	MCQ	Which of these is not an uncertain data management application?	Query processing	Online analytical processing	Selectivity estimation	None of the above	D		eExam
<input type="checkbox"/>	MCQ	The statement: SELECT * _____	select some column from the table	select some column from the table with restriction	select all column from the table without restriction	select all column from the table with restriction	C		eExam

<input type="checkbox"/>								
<input type="checkbox"/>	MCQ	The first successful database product for microcomputers was_____	DB2	dBASE	Oracle	DB1	B	eExam
<input type="checkbox"/>	MCQ	_____ is a single collection of information to which the user has access through a collection of programs	Database	Data	Database Management System	Management System	A	eExam
<input type="checkbox"/>	MCQ	_____ is a means of storing information in such a way that information can be retrieved from it	Data	database	Storex	bank	B	eExam
<input type="checkbox"/>	MCQ	A situation whereby transactions cannot be aborted later or their results discarded is called _____	Consistency	Isolation	Atomicity	Durability	D	eExam
<input type="checkbox"/>	MCQ	_____ is used to get data from more than one table	combine	join	all	merge	B	eExam
<input type="checkbox"/>	MCQ	Database whereby object can be anywhere in a circular uncertainty region is called_____	casual database	permanent database	certain database	uncertain database	D	eExam
<input type="checkbox"/>	MCQ	Any symbol used to separate data in a record is_____	Base	Delimiter	Domain	Entity	B	eExam
<input type="checkbox"/>	MCQ	WHERE Last_Name LIKE 'Ba_man' would match:_____	Baman	Bayam	Barrem	Bayman	D	eExam
<input type="checkbox"/>	MCQ	A situation whereby completed transactions cannot be aborted later or their results discarded is called_____	Atomicity	Consistency	Duration	Isolation	C	eExam
<input type="checkbox"/>	MCQ	The word "database" as a single word became common in_____ in the early 1970	America	Garman	France	Europe	D	eExam
<input type="checkbox"/>	MCQ	The techniques involved in processing nearest neighbor queries are the following except_____	Aggregate	Projection	Evaluation	Bounding	A	eExam
<input type="checkbox"/>	MCQ	The relational model was proposed in_____	1950	1980	1960	1970	D	eExam

<input type="checkbox"/>								
<input type="checkbox"/>	MCQ	Views and indexes operations can be perform on tables using _____ commands: (i) DML (ii)DDL	i	ii	I and ii	none of the above	B	eExam
<input type="checkbox"/>	MCQ	Transaction ends with _____(i) commit (ii)rollback	i	ii	I or ii	I and ii	C	eExam
<input type="checkbox"/>	MCQ	_____ Database Management System has the advantages of creating or dropping indexes without changing existing applications making use of it	Hierarchical	Flat	Object	Relational	D	eExam
<input type="checkbox"/>	MCQ	_____ is not a common indexing technique	hashes	array	B-trees	linked lists	B	eExam
<input type="checkbox"/>	MCQ	SELECT * statement with WHERE Clauses mean_____	select all column from the table with restriction	select some column from the table with restriction	select all column from the table without restriction	select some column from the table	A	eExam
<input type="checkbox"/>	MCQ	SELECT First_Name, Last_Name FROM Employees WHERE Last_Name LIKE 'Washington%' Mean select_____	first and last name that contain Washington only as the last name	last name that contain Washington as the last name	first and last name that contain Washington only as the last name	first and last name that contain last name Washington with/without additional text	D	eExam
<input type="checkbox"/>	MCQ	A collection of information is called_____	Entity	relatioal	Entity Set	object oriented	C	eExam
<input type="checkbox"/>	MCQ	Database Management System (DBMS) handles the following operations on data except_____	store	maintaine	retrieve	duplicate	D	eExam
<input type="checkbox"/>	MCQ	A collection of fields of the same type is_____	Domain	Record	file	database	A	eExam
<input type="checkbox"/>	MCQ	_____lists the rows found in both tables of relational operations in addition to join	difference	product	restrict	intersect	D	eExam
<input type="checkbox"/>	MCQ	streams can be composed in the following various ways except_____	Derived streams	Stream views	sub-active queries	Subqueries	C	eExam
<input type="checkbox"/>	MCQ	_____database is a table with an associated continuous query	derived stream	Active	Append	Replace	B	eExam

<input type="checkbox"/>								
<input type="checkbox"/>	MCQ	_____ command deletes all rows and removes the table definition from the database	DELETE TABLE	UPDATE TABLE	ALTER TABLE	DROP TABLE	D	eExam
<input type="checkbox"/>	MCQ	_____command removes a specified row or set of rows from a table	DELETE	UPDATE	ALTER TABLE	SELECT	A	eExam
<input type="checkbox"/>	MCQ	_____ statement can undo the changes resulting from the SQL statements in the transaction	delete	undo	rollback	redo	C	eExam
<input type="checkbox"/>	MCQ	Most DBMSs create a cursor automatically when a _____ is generated.	result set	result	outcome	output	A	eExam
<input type="checkbox"/>	MCQ	_____ is not a Database terminology	Replication	Atomicity	Indexing	concurrency	B	eExam
<input type="checkbox"/>	MCQ	_____ is a database structure that was widely used in the early mainframe database management systems	Relational model	Network model	Flat model	Hierarchical model	D	eExam
<input type="checkbox"/>	MCQ	_____ is a model that is only an approximation to the mathematical model defined by Codd	Relational model	Network model	Flat model	Hierarchical model	A	eExam
<input type="checkbox"/>	MCQ	Something about which data is recorded is called _____	Relation	data	model	Entity	D	eExam
<input type="checkbox"/>	MCQ	_____ streams are defined by a query expressions that yields a stream	Raw streams	Task	Derived streams	Archived streams	C	eExam
<input type="checkbox"/>	MCQ	The lands of queries which can be resolved with the use of index structures are the following except _____	Pruning queries	Aggregate queries	Nearest neighbor queries	Range queries	A	eExam
<input type="checkbox"/>	MCQ	A primary key in one table appearing in another table is called _____	primary key	foreign key	command key	unique key	B	eExam
<input type="checkbox"/>	MCQ	If for instance first user is updating some columns in a table at the same time the second user is selecting columns from that same table, it is possible for the second user to get _____	partly old data and partly updated data	old data completely	updated data completely	old data completely and partly updated data	A	eExam

<input type="checkbox"/>								
<input type="checkbox"/>	MCQ	_____ Is not among the three phases that a query passes through during the DBMS	Parsing and translation	Evaluation	Transmission	Optimization	C	eExam
<input type="checkbox"/>	MCQ	_____ is an example of database Applications Programming Interfaces (APIs)	ADBC	RDBC	MDBC	ODBC	D	eExam
<input type="checkbox"/>	MCQ	_____ is a mechanism that prohibits two transactions from manipulating the same data at the same time	lock	block	prevent	disallow	A	eExam
<input type="checkbox"/>	MCQ	_____ command adds new rows to a table	ALTER TABLE	UPDATE	INSERT	SELECT	C	eExam
<input type="checkbox"/>	MCQ	_____ help databases to increase its speed	indexing	Replication	Atomicity	concurrency	A	eExam
<input type="checkbox"/>	MCQ	A DB Architecture (DBA) can improve performance by adjusting some DBMS parameters like the following except _____	identifying performance bottlenecks	adding hardware to eliminate bottlenecks	adjusting the size of buffer pool	execution	D	eExam
<input type="checkbox"/>	MCQ	The following except _____ are 3 kinds of DB tuning	tuning queries	tuning indexes	tuning data	tuning the conceptual schema	C	eExam
<input type="checkbox"/>	MCQ	_____ prevents a table from being dropped if there is an uncommitted transaction on that table	table block	table protector	undo	table lock	D	eExam
<input type="checkbox"/>	MCQ	A replication concept whereby all write requests are performed on the master and then replicated to the slaves is called _____	Stave	Multimaster	Master	Quorum	C	eExam
<input type="checkbox"/>	MCQ	_____ of the RDBMSs use the SELECT statement.	Some	New	none	All	D	eExam
<input type="checkbox"/>	MCQ	one of the following is not an algorithm for implementing the join operation	Single-loop	Binary Search	Nested-loop (brute force)	Sort-merge	B	eExam
<input type="checkbox"/>	MCQ	asterisk (*) in select statement means	select the following	select and multiply	select asterisk (*)	select all	D	eExam
<input type="checkbox"/>	MCQ	Traditionally, stored procedures are written in a _____	DBMS-specific programming language.	Visual Basic	JDBC	API	A	eExam

<input type="checkbox"/>								
<input type="checkbox"/>	MCQ	_____ statement is used to get information from a table	GET	DROP	SELECT	PRINT	C	eExam
<input type="checkbox"/>	MCQ	Select the DDL command below	SELECT	DELETE	UPDATE	ALTER TABLE	D	eExam
<input type="checkbox"/>	MCQ	_____ prevents other transactions on a modifying row	row block	row lock	row prevention	row guide	B	eExam
<input type="checkbox"/>	MCQ	A _____ is a collection of one or more columns (fields) in one table whose values match corresponding columns in other tables	key	column	row	table	A	eExam
<input type="checkbox"/>	MCQ	The relational model was proposed by _____	Rockwell	Michael Stonebraker	E. F. Codd	Charles Bachman	C	eExam
<input type="checkbox"/>	MCQ	A pioneer in the field of database management systems was _____	Rockwell	Michael Stonebraker	E. F. Codd	Charles Bachman	D	eExam
<input type="checkbox"/>	MCQ	_____ is a mini-program that performs a particular task that can be invoked the same way one can call a function or method	Result Sets	Stored Procedures	transactions	Result Cursors	B	eExam

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