Started on	Monday, 25 December 2023, 10:11 AM
State	Finished
Completed on	Monday, 5 February 2024, 9:59 AM
Time taken	41 days 23 hours
Marks	58/58
Grade	25 out of 25 (100%)

Question 1
Correct
Mark 1 out of 1

Protection the data located in a database against destruction and misuse.

Select one:

a. Data Dictionary

b. Data Definition

© c. Data Security

d. Data Privacy

The correct answer is: Data Security

Correct

2024/2/3	
uestion 2	
Correct	
Mark 1 out of 1	
in transaction management, a	
condition in which transaction	
operations do not immediately	
update a physical database	
Select one:	
a. deferred update	
b. time stamping	
o. phantom read	
d. optimistic approach	
The correct answer is: deferred update	2
(Correct)	•
Marks for this submission: 1/1.	
Question 3	
Correct	
Mark 1 out of 1	
Created using a field that unique	ely
identifies each record	
Select one:	
a. General function of a DBMS	
○ b. Relational DBMS	
c. Relationship	
d. File system	
G. The System	
The correct answer is: Relationship	
Correct Marks for this submission: 1/1.	
Mary 101 fills 2001111221011. 1/1.	

00	2024/2/5	البيانات	لجامعة الإسراء Attempt review ISRA iLearn :ادارة نظم قواعد
(Question 4 Correct Mark 1 out of 1		
	The process of ensuring that data entered into database is valid (matches the data definition).	ı	
	Select one:		
	a. Data Dictionary		
	b. Data Validation		
	o. Data Integrity		
	d. Data Definition		
	The correct answer is: Data Validation Correct Marks for this submission: 1/1.		
	Question 5		
	Correct Mark 1 out of 1		
	A small table containing a primary key and the location of the record belonging to that key; used to locate records in a database.		
	Select one:		
	a. Field		
	b. Index		
	○ c. Middleware		
	○ d. Report		

The correct answer is: Index



Question 6	
Correct	
Mark 1 out of 1	

Automated methods to create, store, and retrieve date; reduces data redundancy and inconsistency; allows for concurrent access by multiple users; increases security and reliability; Improves data quality

Select	one:
--------	------

- a. Purpose of DBMS
- b. Network DBMS
- c. Benefits of DBMS
- d. Hierarchical DBMS

The correct answer is: Benefits of DBMS



Marks for this submission: 1/1.

Question 7

Correct

Mark 1 out of 1

Protecting the privacy of the data located in a database.

Select one:

- a. Data Dictionary
- b. Data Privacy
- o. Data Validation
- d. Data Security

The correct answer is: Data Privacy



Correct Mark 1 out of 1	Question 8
Mark 1 out of 1	Correct
	Mark 1 out of 1

multiple copies of the transaction log kept by database management systems to ensure that the physical failure of a disk will not impair the DBMS's ability to recover data

20	loct.	one
SE	ICC L	UHC.

- a. atomic transaction property
- b. write-ahead-log protocol
- c. redundant transaction logs
- d. serializable schedule

The correct answer is: redundant transaction logs



Marks for this submission: 1/1.

Question 9 Correct

Mark 1 out of 1

a less restrictive database lock in which the DBMS allows concurrent transactions to access different rows of the same table, even when the rows are on the same page

Select one:

- a. page-level lock
- b. field-level lock
- c. row-level lock
- d. table-level lock

The correct answer is: row-level lock



Question 10	
Correct	
Mark 1 out of 1	

an ANSI SQL transaction isolation level that allows transactions to read uncommitted data from other transactions, and which allows nonrepeatable reads and phantom reads. the least restrictive level defined by ANSI SQL

Select one:

- a. Read Uncommitted
- b. Read Committed
- o. serializable
- d. Repeatable Read

The correct answer is: Read Uncommitted

Correct

Marks for this submission: 1/1.

Question 11

Correct

Mark 1 out of 1

the level of lock use. locking can take place at the following levels: database, table, page, row, and field (attributes)

Select one:

- a. disk page (page)
- b. pessimistic locking
- o. uncommitted data
- d. lock granularity

The correct answer is: lock granularity



Question 12	
Correct	
Mark 1 out of 1	

a type of lock that restricts database access to the owner of the lock and allows only one user at a time to access the database. this lock works for batch processes but is unsuitable for online multiuser DBMSs

Select one:

- a. page-level lock
- b. database-level lock
- o. table-level lock
- d. field-level lock

The correct answer is: table-level lock



Marks for this submission: 1/1.

Question 13

Correct

Mark 1 out of 1

Images, audio, and video stored in databases

Select one:

- a. Physical database
- b. Tagged
- c. Flat file
- d. Objects

The correct answer is: Objects



Question 1	4
Correct	
Mark 1 out	of 1
Inform	nation on a computer in
folder	structure
0-1	
Select o	
○ a.	Flat file
) b.	Database Management System (DBMS)
C.	File system
O d.	Physical database
The cor	rect answer is: File system
Correct	
Marks fo	or this submission: 1/1.
Question 1	5
Correct	3
Mark 1 out	of 1
mant rout	· · ·
	thing (such as a person,
•	, or event) that is important
	usiness or organization;
	lly becomes a database
	n a database system for
that bu	usiness or organization.
Select o	one:
○ a.	Direct Organization
O b.	Multidimensional Database(MDDB)
О с.	Multiuser Database System
d.	Entity
The cor	rect answer is: Entity
	rect answer is. Littity
(Correct) Marks fo	or this submission: 1/1.
	• **

Question 1	6
Correct Mark 1 out	of 1
	are that makes it possible to ize data in a database
Select o	one:
(a.	Database Management System (DBMS)
b.	Database administrators (DBAs)
○ c.	Database engine
O d.	File system
adminis	rrect answer is: Database strators (DBAs)) or this submission: 1/1.
Question 1	17
Correct Mark 1 out	of 1
an	<u> </u>
All dat	ta are organized in form of
	and relationships are used
to link	the various tables together
Select	one:
○ a.	General function of a DBMS
O b.	Relationship
C.	Relational DBMS
○ d.	File system
The co	rrect answer is: Relational DBMS
Correct	
Marks fo	or this submission: 1/1.

Question 18
Correct
Mark 1 out of 1

Every data item can be related to many other ones; structure like a graph - child is allowed to have more than one parent - Cobweb of connected items

Select one:

- a. Network DBMS
- b. Purpose of DBMS
- o. Hierarchical DBMS
- d. Benefits of DBMS

The correct answer is: Network DBMS



Marks for this submission: 1/1.

Question 19

Correct

Mark 1 out of 1

A type of database designed to be used with date warehousing.

Select one:

- a. Entity
- b. Relational DatabaseManagement System (RDBMS)
- c. Multidimensional Database(MDDB)
- od. Multiuser Database System

The correct answer is: Multidimensional Database(MDDB)



Question 20	
Correct	
Mark 1 out of 1	

A collection of related data that is stored in a manner enabling information to be retrieved as needed; in a relational database, a collection of related tables.

9	loot	one.
~~	ויאט	OHO:

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() a	(IOI	1A I)	atabase	2

- o b. Metadata
- c. Database
- d. Data Security

The correct answer is: Database



Marks for this submission: 1/1.

Question 21

Correct

Mark 1 out of 1

an ANSI SQL transaction isolation level that allows transactions to read only committed data. this is the default mode of operations for most databases

Select one:

- a. time stamping
- b. row-level lock
- c. Read Committed
- d. Read Uncommitted

The correct answer is: Read Committed



Question 22
Correct
Mark 1 out of 1

A single category data to be stored in a database, such as a person's last name or phone number: also called a column.

Se	lect	OΠ	Θ.

- a. Index
- b. Query
- o. Field
- d. Record

The correct answer is: Index



Marks for this submission: 1/1.

Question 23

Correct

Mark 1 out of 1

Control the development of the database

Select one:

- a. Database scheme
- b. Database scheme Database administrators (DBAs)
- o. Specific functions of a DBMS
- d. Database engine

The correct answer is: Database scheme Database administrators (DBAs)



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Question 24	
Correct	
Mark 1 out of 1	
a property that requires all parts of a transaction to be treated as a single, logical unit of work in which all operations must be	
completed (committed) to	
produce a consistent database	

Select one:

- a. atomic transaction property
- b. redundant transaction logs
- o. table-level lock
- d. write-through technique

The correct answer is: atomic transaction property

Correct

Marks for this submission: 1/1.

Question 25

Correct

Mark 1 out of 1

A popular query language standard for information.

Select one:

- a. Primary Key
- b. Structured Query Language (SQL)
- o. In-Memory Database (IMDB)
- d. Record

The correct answer is: Structured Query Language (SQL)

Correct

Q	uestion 2	26
С	orrect	
M	lark 1 out	of 1
	acces	are that makes it possible to s and modify the contents database
	Se l ect o	one:
	a.	Database engine
	O b.	Purpose of DBMS
	O c.	Database scheme
	O d.	Database administrators (DBAs)
	The co	rrect answer is: Database engine
	Correct Marks fo	or this submission: 1/1.
Q	uestion 2	27
С	orrect	
	lark 1 out	of 1

that accesses the database. a logical unit of work; that is, it must be entirely completed or aborted no intermediate ending states are accepted. all must have the properties of atomicity, consistency, isolation, and durability

Select one:

a. wound/wait

b. consistency

c. isolation

d. transaction

The correct answer is: transaction



00 2024/2/5	لجامعة الإسراء Attempt review ISRA iLearn :ادارة نظم قواعد البيانات
Question 28 Correct	
Mark 1 out of 1	
A data base located on a single computer and designed to be accessed by a single user.	
Select one:	
a. Single-User Database System	
b. Centralized Database System	
o. Distributed Database System	
Od. Client-Server Database System	
The correct answer is: Single-User	
Database System	
(Correct) Marks for this submission: 1/1.	
Question 29	
Correct	
Mark 1 out of 1	
A formatted way of viewing and	
editing a table in a database.	
Select one:	
a. Report	
b. Form	
c. Query	
○ d. Record	

The correct answer is: Form



Question 30
Correct
Mark 1 out of 1

the transaction property that ensures that once transaction changes are done and committed, they cannot be undone or lost, even in the event of a system failure

Select one:

- a. time stamping
- b. durability
- o. serializable schedule
- d. dirty read

The correct answer is: durability



Marks for this submission: 1/1.

Question 31

Correct

Mark 1 out of 1

The process of describing the properties of data that is to be included in a database table.

Select one:

- a. Data Validation
- b. Data Dictionary
- c. Data Definition
- d. Normalization

The correct answer is: Data Definition



Question	32
Correct Mark 1 ou	ut of 1
a DBI	MS component that is
	onsible for assigning and
relea	sing locks
Select	t one:
○ a.	. lost update
) b.	. scheduler
C.	. lock manager
○ d.	. deferred update
The co	orrect answer is: lock manager
Correct	
Marks	for this submission: 1/1.
Question Correct	33
Mark 1 ou	ut of 1
the tr	ransaction property that
	res all parts of a transaction
	treated as a single, isible, logical unit of work. all
	s of a transaction must be
comp	oleted or the entire
trans	action is aborted
Select	t one:
(a.	. scheduler
b.	atomicity
○ c.	. phantom read
○ d.	. durability
The co	orrect answer is: atomicity
Correct	
	for this submission: 1/1

Question 3 Correct	4
Mark 1 out	of 1
and re	urrency; Security; Backup ecovery; Integrity; Data options
Select o	one:
○ a.	Object-oriented DBMS
b.	Purpose of DBMS
O c.	Database administrators (DBAs)
O d.	Specific functions of a DBMS
Correct Marks fo	or this submission: 1/1.
Question 3	25
Single of reco	of 1 table with a large number ords and fields
Single of reco	of 1 table with a large number ords and fields one:
Single of reco	of 1 table with a large number ords and fields one: Flat file
Single of reco	of 1 table with a large number ords and fields one: Flat file Database engine

https://elearn.iu.edu.jo/mod/quiz/review.php?attempt=467246&cmid=34603&showall=1

Question 38	8
Correct	
Mark 1 out o	of 1
A datal	base designed to be
access	sed by multiple users.
Se l ect o	ne:
○ a.	Client-Server Database System
b.	Multiuser Database System
O c.	Centralized Database System
O d.	Distributed Database System
Databas Correct	rect answer is: Multiuser se System r this submission: 1/1.
Question 39	9
Correct	
Mark 1 out o	of 1
The ac	curacy of data.
Select o	ne:
○ a.	Data Dictionary
b.	Data Integrity
○ c.	Data Security
d.	Data Validation
	rect answer is: Data Integrity
(Correct) Marks for	r this submission: 1/1.

00 2024/2/5	بانات
Question 40	
Correct	
Mark 1 out of 1	
a property in which the selected order of concurrent transaction operations creates the same fina database state that would have been produced if the transactions had been executed in a serial fashion	
Select one:	
a. Repeatable Read	
b. serializability	
c. serializable schedule	
od. no repeatable read	
The correct answer is: serializability (Correct) Marks for this submission: 1/1.	
Question 41 Correct	

Mark 1 out of 1

A request to see information from a database that matches specific criteria.

Select one:

a. Report

b. Record

o. Table

d. Query

The correct answer is: Query

JU 2024/2/3	المعه الإسراء Attempt review ISRA ILeam الدارة نظم فواط البيانات
Question 42 Correct	
Correct	
Mark 1 out of 1	
Software used to connect to otherwise separate applications, such as a Web server and a database management system.	
Select one:	
a. Cloud Database	
○ b. Report	
c. Middleware	
Od. Database	

The correct answer is: Middleware



Marks for this submission: 1/1.

Question 43 Correct Mark 1 out of 1

a feature used by the DBMS to keep track of all transaction operations that update the database. the information stored in this log is used by the DBMS for recovery purposes

Select one:

a. transaction log

b. phantom read

o. Repeatable Read

d. disk page (page)

The correct answer is: transaction log



Correct Mark 1 out of 1	Question 44	
Mark 1 out of 1	Correct	
	Mark 1 out of 1	

the DBMS component that establishes the order in which concurrent transaction operations are executed. interleaves the execution of database operations in a specific sequence to ensure serializability

C^{\wedge}	00t	one.

- a. atomicity
- b. lock manager
- c. scheduler
- d. shared lock

The correct answer is: scheduler



Marks for this submission: 1/1.

Question 45

Correct

Mark 1 out of 1

Stores and transforms data into information to support making decisions

Select one:

- a. Database scheme
- b. Database engine
- c. Purpose of DBMS
- d. Network DBMS

The correct answer is: Purpose of DBMS



7.00 2024/2/0
Question 46
Correct
Mark 1 out of 1
Marking objects for DBMS linking
Select one:
a. Flat file
b. Database administrators (DBAs)
c. Tagged
d. Objects
Marks for this submission: 1/1. Question 47 Correct Mark 1 out of 1
Organizes files to give more
control over the data - users can create, edit and update data and
then store and retrieve data
Select one:
a. Relationship
b. Database Management System

of a DBMS

(DBMS)

d. Relational DBMS

Marks for this submission: 1/1.

c. General function of a DBMS

The correct answer is: General function

Question 48		
Correct		
Mark 1 out of 1		

a DBMS feature that coordinates the simultaneous execution of transactions in a multiprocessing database system while preserving data integrity

Select one:

- a. concurrency control
- b. row-level lock
- o. binary lock
- d. transaction log

The correct answer is: concurrency control



Marks for this submission: 1/1.

Question 49

Correct

Mark 1 out of 1

a concurrency control problem that arises when a transactioncalculating summary (aggregate) functions over a set of data while other transactions are updating the data, yielding erroneous results

Select one:

- a. write-through technique
- b. inconsistent retrievals
- o. wait/die
- od. consistent database state

The correct answer is: inconsistent retrievals



:00 2024/2/5	Attempt review ISRA iLearn : ادارة نظم قواعد البيانات
Question 50	
Correct	
Mark 1 out of 1	
A database, typically hosted on a	
cloud database providers servers	,
that is accessible to users via the	
Web.	
Select one:	

O a	Database

- b. Cloud Database
- o. Normalization
- d. In-Memory Database (IMDB)

The correct answer is: Cloud Database



Marks for this submission: 1/1.

Question 51

Correct

Mark 1 out of 1

a database state in which all data integrity constraints are satisfied

Select one:

- a. consistent database state
- b. concurrency control
- o. pessimistic locking
- O d. atomic transaction property

The correct answer is: consistent database state



00 2024/2/5	جامعة الإسراء Attempt review ISRA iLearn :ادارة نظم قواعد البيانات
Question 52 Correct Mark 1 out of 1	
an ANSI SQL transaction isolation level that uses shared locks to ensure that other transactions do not update a row after the original query updates it. however, phantom reads are allowed	
Select one:	
a. Read Uncommitted	
○ b. row-level lock	
oc. nonrepeatable read	
d. Repeatable Read	
The correct answer is: Repeatable Read Correct Marks for this submission: 1/1.	
Question 53	
Correct	
Mark 1 out of 1	
Collection of files that contain the	j.
Select one:	
a. Database scheme	
○ b. Purpose of DBMS	
oc. Physical database	
d. Hierarchical DBMS	
The correct answer is: Physical database	



Question 54 Correct
Mark 1 out of 1
Can handle many newer data types such as images, audio and video
Select one:
a. Database engine
○ b. Purpose of DBMS
c. Object-oriented DBMS
d. Specific functions of a DBMS
The correct answer is: Object-oriented DBMS (Correct) Marks for this submission: 1/1.
Question 55
Correct Mark 1 out of 1
One data item is subordinate to another one in a parent-child relationship - parents can have multiple children but children can only have one parent
Select one:
a. Benefits of DBMS
b. Physical database
c. Network DBMS
d. Hierarchical DBMS
The correct answer is: Hierarchical DBMS

Marks for this submission: 1/1.

Correct

0 2024/2/3	راء Attempt review ISRA ILeam
Question 56	
Correct	
Mark 1 out of 1	
in transaction management, who	en

in transaction management, when a transaction executes a query at time t1, then runs the same query at time t2, yielding additional rows that satisfy the query

Select one:

- a. time stamping
- b. serializable schedule
- o. dirty read
- d. phantom read

The correct answer is: phantom read



Marks for this submission: 1/1.

Question 57

Correct

Mark 1 out of 1

Specification of the logical structure of the data stored in the database

Select one:

- a. Database scheme
- b. Purpose of DBMS
- c. Database engine
- d. Physical database

The correct answer is: Database scheme



Question 58	
Correct	
Mark 1 out of 1	

A database system in which all of the used by the system is located on a single computer.

Select one:

- oa. Distributed Database System
- b. Client-Server Database System
- c. Centralized Database System
- d. Relational DatabaseManagement System (RDBMS)

The correct answer is: Centralized Database System

