Question 2

Not yet answered

Marked out of 1.00

A view is which of the following?

Select one:

- ○ a. A virtual table that can be accessed via SQL commands
- ○ b. A virtual table that cannot be accessed via SQL commands
- ○ c. A base table that can be accessed via SQL commands
- ○ d. A base table that cannot be accessed via SQL commands

Clear my choice

Question 3

Not yet answered

Marked out of 1.00

Foreign key is the one in which the _____ of one relation is referenced in another relation.

Select one:

- ○ a. Foreign key
- ○ b. Primary key
- ○ c. References
- ○ d. Check constraint

Clear my choice

Question 4

Not yet answered

Marked out of 1.00

How to select all data from student table starting the name from letter r?

Select one:

- ○ a. SELECT * FROM student WHERE name LIKE 'r%';
- ○ b. SELECT * FROM student WHERE name LIKE '%r%';
- ○ c. SELECT * FROM student WHERE name LIKE '%r';
- ○ d. SELECT * FROM student WHERE name LIKE '_r%';

Clear my choice

Question 5

Not yet answered

Marked out of 1.00

In a relational model, relations are termed as:

Select one:

- ○ a. Tuples.
- ○ b. Attributes
- ○ c. Tables.
- ○ d. Rows.

Clear my choice

Question 6

Not yet answered

Marked out of 1.00

NULL is

Select one:

- ○ a. the same as 0 for integer
- ○ b. the same as blank for character
- ○ c. the same as 0 for integer and blank for character
- ◉ d. not a value

       Clear my choice

Question 7

Not yet answered

Marked out of 1.00

The command to eliminate a table from a database is

Select one:

- ○ a. REMOVE TABLE CUSTOMER;
- ◉ b. DROP TABLE CUSTOMER;
- ○ c. DELETE TABLE CUSTOMER;
- ○ d. UPDATE TABLE CUSTOMER;

       Clear my choice

Question 8

Not yet answered

Marked out of 1.00

The HAVING clause does which of the following?

Select one:

- ◉ a. Acts like a WHERE clause but is used for groups rather than rows.
- ○ b. Acts like a WHERE clause but is used for rows rather than columns.
- ○ c. Acts like a WHERE clause but is used for columns rather than groups.
- ○ d. Acts EXACTLY like a WHERE clause.

       Clear my choice

Question 9

Not yet answered

Marked out of 1.00

The number of entities to which another entity can be associated via a relationship set is expressed as

Select one:

- ○ a. Entity
- ◉ b. Cardinality
- ○ c. Schema
- ○ d. Attributes

       Clear my choice

Question 10

Not yet answered

Marked out of 1.00

The SQL ALTER statement can be used to.

Select one:

- ○ a. change the table data.
- ◉ b. change the table structure.
- ○ c. delete rows from the table.
- ○ d. add rows to the table.

       Clear my choice

Question 11

Not yet answered

Marked out of 1.00

The SQL keyword(s) _____ is used with wildcards.

Select one:
- ⦿ a. LIKE only
- ○ b. IN only
- ○ c. NOT IN only
- ○ d. IN and NOT IN

Clear my choice

Question 12

Not yet answered

Marked out of 1.00

The SQL statement SELECT ROUND(45.926,1) FROM DUAL;

Select one:
- ○ a. is illegal
- ○ b. prints garbage
- ○ c. prints 045.926
- ⦿ d. prints 50

Clear my choice

Question 13

Not yet answered

Marked out of 1.00

To get the server output result and display it into the screen, you need to write.

Select one:
- ⦿ a. set serveroutput on
- ○ b. set server output on
- ○ c. set dbmsoutput on
- ○ d. set dbms output on

Clear my choice

Question 14

Not yet answered

Marked out of 1.00

To include integrity constraint in an existing relation use :

Select one:
- ○ a. Modify table
- ○ b. Drop table
- ⦿ c. Alter table
- ○ d. Create table

Clear my choice

Question 15

Not yet answered

Marked out of 1.00

Which function is used to divide one numeric expression by another and get the remainder ?

Select one:
- ○ a. POWER
- ⦿ b. MOD
- ○ c. ROUND
- ○ d. REMAINDER

Clear my choice

Which of the following is a comparison operator in SQL?

Select one:

○ a. Double equal sign (==)

○ b. LIKE

○ c. BETWEEN

◉ d. Single equal sign (=)

Clear my choice

Which of the following is not a integrity constraint ?

Select one:

○ a. Not null

◉ b. Positive

○ c. Unique

○ d. Check predicate

Clear my choice

Which of the following is NOT a type of SQL constraint?

Select one:

○ a. PRIMARY KEY

◉ b. ALTERNATE KEY

○ c. FOREIGN KEY

○ d. UNIQUE

Clear my choice

Which of the following is not true about the execution section of a PL/SQL block?

Select one:

○ a. It should have more than one executable line of code.

○ b. It may have just a NULL command to indicate that nothing should be executed.

◉ c. The statements must always end with a semicolon.

○ d. The section may contain SQL commands, logical control commands, assignment commands, as well as other
commands.

Clear my choice

Which of the following is the correct order of keywords for SQL SELECT statements?

Select one:

◉ a. SELECT, FROM, WHERE

○ b. FROM, WHERE, SELECT

○ c. WHERE, FROM,SELECT

○ d. SELECT,WHERE,FROM

Clear my choice

Question 21

Not yet
answered

Marked out of
1.00

Which of the following is true about SQL joins?

Select one:

○ a. The join condition is not separated from other search conditions in a query.

○ b. The ON clause makes code difficult to understand.

⊙ c. The join condition for natural join is basically an equijoin of all columns with same name.

○ d. None of the above.

Clear my choice

Question 22

Not yet
answered

Marked out of
1.00

Which of the following query is correct for using comparison operators in SQL?

Select one:

○ a. SELECT name, course_name FROM student WHERE age>50 and <80;

⊙ b. SELECT name, course_name FROM student WHERE age>50 and age <80;

○ c. SELECT name, course_name FROM student WHERE age>50 and WHERE age<80;

○ d. None of these

Clear my choice

Question 23

Not yet
answered

Marked out of
1.00

Which of the following query will result in an error?

Select one:

○ a. select dept_id, avg(salary) from employees group by dept_id;

○ b. select avg(salary) from employees group by dept_id;

⊙ c. select dept_id, job_id, avg(salary) from employees group by dept_id, job_id;

○ d. select dept_id, count(name) from employees;

Clear my choice

Question 24

Not yet
answered

Marked out of
1.00

Which statement execute a sequence of statements multiple times?

Select one:

○ a. EXIT

⊙ b. LOOP

○ c. Both A & B

○ d. None of the above

Clear my choice

Question 25

Not yet
answered

Marked out of
1.00

You can add a row using SQL in a database with which of the following:

Select one:

○ a. ADD

○ b. CREATE

⊙ c. INSERT

○ d. MAKE

Clear my choice

_____ joins two or more tables based on a specified column value not equaling a specified column value in another table.

Select one:

○ a. EQUIJOIN

◉ b. NON-EQUIJOIN

○ c. OUTER JOIN

○ d. NATURAL JOIN

Clear my choice

Quick Links

Disclaimer

IU site

Gallery

Follow Us

f Facebook

Contact

Integral University, Kursi Road, Lucknow(india)

✉ E-mail: ili@iul.ac.in, sdc@iul.ac.in

← PRACTICE QUIZ UNIT 3

Jump to...

COMPLETE NOTES FOR UNIT-4 →

Data retention summary

Get the mobile app

Switch to the standard theme

Information

Mid-sem Unit Exam, Session (2020-21)

B.C.A.

Database Management System (CA204)

Question 1

Not yet
answered

Not graded

Enter your Full Name and Roll number

| ⤵ | A ▾ | B | I | ☰ | ☷ | 🔗 | ⌦ | 🖼 |

Name: Irshad Akaram

Roll Number: 1901018136

Course Code and Name:CA-204/DBMS

Question 2

Not yet
answered

Marked out of
1.00

A data dictionary is a repository that manages _____?

Select one:

- ○ a. Memory
- ⦿ b. Metadata
- ○ c. Spell Checker
- ○ d. Data Validator

Clear my choice

Question 3

Not yet
answered

Marked out of
1.00

A domain is atomic if elements of the domain are considered to be _____ units.

Select one:

- ○ a. Different
- ⦿ b. Indivisbile
- ○ c. Constant
- ○ d. Divisible

Clear my choice

Question 4

Advantages of DBMS are:

Not yet answered

Marked out of 1.00

Select one:

○ a. Redundancy Control

○ b. Integrity Constraints Enforcement

○ c. Unauthorized Access restriction

● d. All of the above

Clear my choice

Question 5

Not yet answered

Marked out of 1.00

Before database management systems (DBMSs) were introduced, organizations usually stored information in _____

Select one:

● a. File Processing System

○ b. File Proceed System

○ c. First Processing System

○ d. None of the above

Clear my choice

Question 6

Not yet answered

Marked out of 1.00

Course(course_id,sec_id,semester). Here the course_id,sec_id and semester are _____ and course is a _____?

Select one:

○ a. Relations, Attribute

● b. Attributes, Relation

○ c. Tuple, Relation

○ d. Tuple, Attributes

Clear my choice

Question 7

Not yet answered

Marked out of 1.00

Database _____ which is the logical design of the database, and the database _____ which is a snapshot of the data in the database at a given instant in time.

Select one:

○ a. Instance, Schema

○ b. Relation, Schema

○ c. Relation, Domain

● d. Schema, Instance

Clear my choice

Question 8

Department (dept name, building, budget) and Employee (employee_id, name, dept name, salary). Here the

dept_name attribute appears in both the relations. Here using common attributes in relation schema is one way of relating _____ relations.

Select one:

○ a. Attributes of common

○ b. Tuple of common

◉ c. Tuple of distinct

○ d. Attributes of distinct

Clear my choice

Question 9

Not yet answered

Marked out of 1.00

Every DBMS is based on a particular _____

Select one:

○ a. Data Modelling

○ b. Database Modelling

◉ c. Data Model

○ d. None of the above

Clear my choice

Question 10

Not yet answered

Marked out of 1.00

Redundancy in storing the same data multiple times leads to which problem?

Select one:

○ a. Single Logical Update problem

○ b. Storage space wastage problem

○ c. Data Inconsistence Problem

◉ d. All of the above

Clear my choice

Question 11

Not yet answered

Marked out of 1.00

Since many database-system users are not computer trained, developers hide the complexity from users through several levels of _____.

Select one:

◉ a. Abstraction

○ b. Encapsulation

○ c. Polymorphism

○ d. None of the above

Clear my choice

Question 12

Storing same information several times is called:

Select one:

- ⦿ a. Redundancy
- ○ b. Atomicity
- ○ c. Integrity
- ○ d. None of the above

Clear my choice

The Conditions that are put on the data to be entered are called _____

Select one:

- ○ a. Constraints
- ○ b. Conditional Statements
- ⦿ c. Restrictions
- ○ d. None of the above

Clear my choice

The tuples of the relations can be of _____ order.

Select one:

- ⦿ a. Any
- ○ b. Same
- ○ c. Sorted
- ○ d. Constant

Clear my choice

The _____ uses a collection of tables to represent both data and the relationships among those data.

Select one:

- ○ a. Hierarchical Model
- ⦿ b. Relational Model
- ○ c. Network Model
- ○ d. None of the above

Clear my choice

We specify a database schema by a set of definitions expressed by a special language called a _____

Select one:

- ⦿ a. Data Definition Language
- ○ b. Data Manipulation Language
- ○ c. Relational Data Language
- ○ d. None of these

Clear my choice

Which criteria are used to classify DBMS?

Select one:

○ a. Cost

◉ b. Data Model

○ c. No of Users Supported

○ d. All of the above

Clear my choice

Question 18

Which data model organizes the data in a tree structure that is each child node can have only one parent node?

Select one:

◉ a. Hierarchical Data Model

○ b. Network Data Model

○ c. Relational Data Model

○ d. None of the above

Clear my choice

Question 19

which of the following is not a database object?

Select one:

○ a. Tables

○ b. Queries

◉ c. Relationships

○ d. Reports

Clear my choice

Question 20

Which one is not a DBMS Software?

Select one:

○ a. Oracle

○ b. Microsoft SQL Server

○ c. MS Access

◉ d. Python

Clear my choice

Question 21

_____ is a place to store data.

Select one:

○ a. DBMS

◉ b. Database

○ c. Base for Data

○ d. None of the above

Clear my choice

Question 22

_____ means many systems allow multiple users to update the data simultaneously.

Select one:

○ a. Integrity

○ b. Atomicity

● c. Concurrent Access

○ d. None of the above

Clear my choice

Question 23

_____ is a lowest level of abstraction that describes how the data are actually stored.

Select one:

○ a. Logical Level

● b. Physical Level

○ c. External Level

○ d. View level

Clear my choice

Question 24

_____ is a snapshot of the data in the database at a given instant in time.

Select one:

○ a. Schema

● b. Instance

○ c. Relation

○ d. None of these

Clear my choice

Question 25

_____ is a constraint that frequently occurs involves specifying that a record in one file must be related to records in other files.

Select one:

○ a. Entity Constraint

● b. Referential Integrity Constraint

○ c. Primary Ley Constraint

○ d. None of the above

Clear my choice

Question 26

_____ is the capacity to change the Logical schema without having to change external or view schemas.

Select one:

○ a. Physical Data Independence

● b. Logical Data Independence

○ c. External Data Independence

○ d. None of these

Clear my choice

Quick Links

Disclaimer

IU site

Gallery

Follow Us

f Facebook

Contact

Integral University, Kursi Road, Lucknow(india)

✉ E-mail: ili@iul.ac.in, sdc@iul.ac.in

Integral Learning Initiative: A Collaborative Blended Learning Platform

Data retention summary

Get the mobile app

Dashboard / My courses / CA204_D / Unit IV: Relational Algebra and Normalization / Unit Test-3

Started on	Saturday, 5 December 2020, 5:09 PM
State	Finished
Completed on	Saturday, 5 December 2020, 5:21 PM
Time taken	11 mins 11 secs
Grade	**25.00** out of 25.00 (**100**%)

Information

Mid-sem Unit Exam, Session (2020-21)

Program: BCA

Course Code and Name: CA-204(Database Management System)

Question 1

Complete

Not graded

Enter your Full Name and Roll number

Roll Number: 1901018305

Name:Shabaj Ansari

Program: BCA

Year /Semester:2nd/3rd

Section/Group: 4/D

Question 2

Correct

Mark 1.00 out of 1.00

A Normal form in which every determinant is a candidate key:

Select one:

○ a. 2NF

○ b. 3NF

○ c. 4NF

◉ d. BCNF ✔

The correct answer is: BCNF

Question 3

Correct

Mark 1.00 out of 1.00

Tables in 3NF:

Select one:

○ a. Remove Partial Dependencies

◉ b. Remove Transitive dependencies ✔

○ c. Simple Attribute

○ d. None of these

The correct answer is: Remove Transitive dependencies

Question 4

Correct

Mark 1.00 out of 1.00

4NF is needed when a relation has undesirable _____

Select one:

○ a. Relational Dependency

○ b. Dependency

◉ c. Multivalued Dependency ✔

○ d. Functional Dependency

The correct answer is: Multivalued Dependency

Question 5

Correct

Mark 1.00 out of 1.00

Which of the following is used to denote the projection operation in relational algebra ?

Select one:

◉ a. Pi (Greek) ✔

○ b. Sigma (Greek)

○ c. Lambda (Greek)

○ d. Omega (Greek)

The correct answer is: Pi (Greek)

Question 6

Correct

Mark 1.00 out of 1.00

The _____ operation selects certain columns from the table and discards the other columns.

Select one:

○ a. Selection

◉ b. Projection ✔

○ c. Join

○ d. None of these

The correct answer is: Projection

Question 7

Correct

Mark 1.00 out of 1.00

The Relational Algebra operation _____ allows us to find tuples that are in one relation but are not in another.

Select one:

- ○ a. Union
- ○ b. Intersection
- ◉ c. Set Difference ✔
- ○ d. Cross Product

The correct answer is: Set Difference

Question 8

Correct

Mark 1.00 out of 1.00

_____ exists when a relation has at least three attributes, two of them are multivalued and their values depend on only the third attribute.

Select one:

- ○ a. Relational Dependency
- ◉ b. Multivalued Dependency ✔
- ○ c. Dependency
- ○ d. Functional Dependency

The correct answer is: Multivalued Dependency

Question 9

Correct

Mark 1.00 out of 1.00

Which Join is used to get rid of the second (superfluous) attribute in an EQUIJOIN condition.

Select one:

- ○ a. Theta Join
- ○ b. General Join
- ◉ c. Natural join ✔
- ○ d. None of these

The correct answer is: Natural join

Question 10

Correct

Mark 1.00 out of 1.00

An attribute that is part of any candidate key in the relation is called:

Select one:

- ◉ a. Prime attribute ✔
- ○ b. Non Prime attribute
- ○ c. Parent attribute
- ○ d. Candidate attribute

The correct answer is: Prime attribute

Question 11

Correct

Mark 1.00 out of 1.00

_____ Normal Form was defined to disallow multivalued attributes, composite attributes, and their combinations.

Select one:

- ○ a. 4NF
- ○ b. 3NF
- ○ c. 2NF
- ◉ d. 1NF ✔

The correct answer is: 1NF

Information

Question Paper

Question 12

Correct

Mark 1.00 out of 1.00

If an attribute of a composite key is dependent on an attribute of the other composite key, a Normalization called _____ is needed.

Select one:

- ○ a. 1NF
- ○ b. 2NF
- ○ c. 3NF
- ◉ d. BCNF ✔

The correct answer is: BCNF

Question 13

Correct

Mark 1.00 out of 1.00

A _____ is a relationship between or among attributes of a relation.

Select one:

- ○ a. Relational Dependency
- ○ b. Dependency
- ○ c. External Level
- ◉ d. Functional Dependency ✔

The correct answer is: Functional Dependency

Question 14

Correct

Mark 1.00 out of 1.00

The two relations on which any of set operations are applied must have:

Select one:

- ○ a. Mapping Cardinality
- ○ b. Participation Constraints
- ◉ c. Union Compatible ✔
- ○ d. None of these

The correct answer is: Union Compatible

Question 15

Correct

Mark 1.00 out of 1.00

The basic set of operations for the formal relational model is the _____

Select one:

○ a. Relational Algebra ✔

○ b. Relation

○ c. Dependency

○ d. Algebra

The correct answer is: Relational Algebra

Question 16

Correct

Mark 1.00 out of 1.00

The Join operation where only matching tuples are kept in the result are called _____

Select one:

○ a. Inner Join ✔

○ b. Left Outer Join

○ c. Right Outer Join

○ d. Full Outer Join

The correct answer is: Inner Join

Question 17

Correct

Mark 1.00 out of 1.00

Every Relation in Third normal form is already in:

Select one:

○ a. 1NF

○ b. 2NF

○ c. Both 1NF and 2NF ✔

○ d. None of these

The correct answer is: Both 1NF and 2NF

Question 18

Correct

Mark 1.00 out of 1.00

If every non-prime attribute is fully dependent on the key of the relation,then relation is in:

Select one:

○ a. 2NF ✔

○ b. 3NF

○ c. 4NF

○ d. BCNF

The correct answer is: 2NF

Question 19

Correct

Mark 1.00 out of 1.00

The basic objective of Normalization is to reduce _____

Select one:

○ a. Dependency

◉ b. Redundancy ✔

○ c. Reusability

○ d. None of these

The correct answer is: Redundancy

Question 20

Correct

Mark 1.00 out of 1.00

Which of the following is an outer join?

Select one:

○ a. Left

○ b. Right

○ c. Full

◉ d. All of the mentioned ✔

The correct answer is: All of the mentioned

Question 21

Correct

Mark 1.00 out of 1.00

If X →Y and Y →Z then X →Z, this rule is known as _____

Select one:

◉ a. Transitive Rule ✔

○ b. Union Rule

○ c. Decomposition rule

○ d. None of these

The correct answer is: Transitive Rule

Question 22

Correct

Mark 1.00 out of 1.00

The _____ operation selects certain rows from the table and discards the other rows.

Select one:

◉ a. Selection ✔

○ b. Projection

○ c. Join

○ d. None of these

The correct answer is: Selection

Question 23

Correct

Mark 1.00 out of 1.00

If X →Y and X →Z then X →YZ.this rule is known as _____

Select one:

○ a. Transitive Rule

◉ b. Union Rule ✔

○ c. Decomposition rule

○ d. None of these

The correct answer is: Union Rule

Question 24

Correct

Mark 1.00 out of 1.00

Tables in 2NF:

Select one:

◉ a. Remove Partial Dependencies ✔

○ b. Remove Transitive dependencies

○ c. Simple Attribute

○ d. None of these

The correct answer is: Remove Partial Dependencies

Question 25

Correct

Mark 1.00 out of 1.00

Cartesian Product is also known as _____

Select one:

◉ a. Cross Product ✔

○ b. Static Product

○ c. Vector Product

○ d. None of these

The correct answer is: Cross Product

Question 26

Correct

Mark 1.00 out of 1.00

We can use the various rules to find logically implied functional dependencies. This collection of rules is called:

Select one:

○ a. Axiom

◉ b. Armstrong Axioms ✔

○ c. Closure

○ d. None of these

The correct answer is: Armstrong Axioms

INTEGRAL LEARNING INITIATIVE

Integral Learning Initiative: A Collaborative Educational Platform

Quick Links

Disclaimer

IU site

Gallery

Follow Us

f Facebook

Contact

Integral University, Kursi Road, Lucknow(india)

✉ E-mail: ili@iul.ac.in, sdc@iul.ac.in

Jump to...

Data retention summary
Get the mobile app

Started on	Monday, 12 October 2020, 8:59 PM
State	Finished
Completed on	Monday, 12 October 2020, 9:20 PM
Time taken	21 mins 13 secs
Marks	23.00/24.00
Grade	**23.96** out of 25.00 (**96**%)

Information

Unit Exam 3, Session (2020-21)

Program: BCA

Course Code and Name: CA204 DATABASE MANAGEMENT SYSTEM

Question 1

Complete

Not graded

Enter your Full Name:

Roll number:

Course:

Group:

Roll Number: 1901018307

Course Code and Name:BCA

Program: BCA

Year /Semester:2nd/3rd

Section/Group5:

Question 2

Correct

Mark 1.00 out of 1.00

With SQL, how do you select all the columns from a table named "Persons"?

Select one:

- ○ a. SELECT * FROM Persons ✔
- ○ b. SELECT Persons
- ○ c. SELECT *.Persons
- ○ d. SELECT [all] FROM Persons

Your answer is correct.

The correct answer is: SELECT * FROM Persons

Question 3

Correct

Mark 1.00 out of
1.00

The basic data type char (n) is a _____ length character string and varchar(n) is _____ length character.

Select one:

○ a. Equal, variable

○ b. Fixed, equal

○ c. Variable, equal

◉ d. Fixed, variable ✔

Your answer is correct.

The correct answer is: Fixed, variable

Question 4

Correct

Mark 1.00 out of
1.00

Properties that describe the characteristics of entities are called

Select one:

○ a. Identifiers

○ b. Entities

○ c. Relationship

◉ d. Attributes ✔

Your answer is correct.

The correct answer is: Attributes

Question 5

Correct

Mark 1.00 out of
1.00

With SQL, how do you select all the records from a table named "Persons" where the value of the column "FirstName" is "Peter"?

Select one:

○ a. SELECT [all] FROM Persons WHERE FirstName LIKE 'Peter'

○ b. SELECT * FROM Persons WHERE FirstName<>'Peter'

◉ c. SELECT * FROM Persons WHERE FirstName='Peter' ✔

○ d. SELECT [all] FROM Persons WHERE FirstName='Peter'

Your answer is correct.

The correct answer is: SELECT * FROM Persons WHERE FirstName='Peter'

Question 6

Incorrect

Mark 0.00 out of
1.00

Which one of the following is used to define the structure of the table, deleting tables and relating schemas?

Select one:

○ a. Relational Schema

○ b. DDL(Data Definition Language)

○ c. Query

◉ d. DML(Data Manipulation Language) ✖

Your answer is incorrect.

The correct answer is: DDL(Data Definition Language)

Question 7

Correct

Mark 1.00 out of 1.00

SQL is a standard Language for_____

Select one:

- ○ a.
  None of above

- ○ b. Creating front Ends
- ● c. Accessing data base ✔
- ○ d. Creating web page

Your answer is correct.

The correct answer is: Accessing data base

Question 8

Correct

Mark 1.00 out of 1.00

Which one of the following provides the ability to query information from the database and to insert rows into, delete rows from, and modify rows in the database?

Select one:

- ○ a. DDL(Data Definition Language)
- ● b. DML(Data Manipulation Language) ✔
- ○ c. Relational Schema
- ○ d. Query

Your answer is correct.

The correct answer is: DML(Data Manipulation Language)

Question 9

Correct

Mark 1.00 out of 1.00

What SQL command is used to add columns in an existing table?

Select one:

- ○ a. MODIFY TABLE TableName ADD COLUMN ColumnName
- ● b. ALTER TABLE TableName ADD ColumnName ✔
- ○ c. MODIFY TABLE TableName ADD ColumnName
- ○ d. ALTER TABLE TableName ADD COLUMN ColumnName

Your answer is correct.

The correct answer is: ALTER TABLE TableName ADD ColumnName

Question 10

Correct

Mark 1.00 out of 1.00

Which is the subset of SQL commands used to manipulate Oracle Database Structures, including tables?

Select one:

○ a.
Data Described Language

○ b. Data Manipulation Language

◉ c. Data Definition Language ✔

○ d. Data Retrieval Language

Your answer is correct.

The correct answer is: Data Definition Language

Question 11

Correct

Mark 1.00 out of 1.00

To change column value in a table the .... command can be used

Select one:

○ a. Create

◉ b. Update ✔

○ c. Insert

○ d. Alter

Your answer is correct.

The correct answer is: Update

Question 12

Correct

Mark 1.00 out of 1.00

Which SQL statement is used to extract data from a database?

Select one:

○ a. EXTRACT

○ b. OPEN

○ c. GET

◉ d. SELECT ✔

Your answer is correct.

The correct answer is: SELECT

Question 13

Correct

Mark 1.00 out of 1.00

In the architecture of a database system external level is the

Select one:

○ a. Conceptual level

○ b. Logical level

○ c. Physical level

◉ d. Views level ✔

Your answer is correct.

The correct answer is: Views level

Question 14

Correct

Mark 1.00 out of 1.00

To remove a table from an SQL database, we use the _____ command

Select one:

○ a. Purge

○ b. Delete

○ c. Remove

◉ d. Drop table ✔

Your answer is correct.

The correct answer is: Drop table

Question 15

Correct

Mark 1.00 out of 1.00

Which one is correct syntax for Update Statement?

Select one:

◉ a. Update table_name Set Col_name=Value; ✔

○ b. Update into table_name (Col1, Col2,Col3) VALUES (Val1,Val2,Val3);

○ c. Update Table table_name Columns(Col1, Col2,Col3);

○ d. None of the above

Your answer is correct.

The correct answer is: Update table_name Set Col_name=Value;

Question 16

Correct

Mark 1.00 out of 1.00

Database _____ , which is the logical design of the database, and the database _____,which is a snapshot of the data in the database at a given instant in time

Select one:

○ a.
　　Relation, Domain

○ b. Instance, Schema

○ c. Relation, Schema

◉ d.
　　Schema, Instance ✔

Your answer is correct.

The correct answer is:
Schema, Instance

Question 17

Correct

Mark 1.00 out of 1.00

What does SQL stand for?

Select one:

- ○ a. Strong Question Language
- ○ b. None of above
- ◉ c. Structured Query Language ✔
- ○ d. Structured Question Language

Your answer is correct.

The correct answer is: Structured Query Language

Question 18

Correct

Mark 1.00 out of 1.00

In a Hierarchical model records are organized as

Select one:

- ○ a. Graph
- ○ b. List
- ◉ c. Tree ✔
- ○ d. Links

Your answer is correct.

The correct answer is: Tree

Question 19

Correct

Mark 1.00 out of 1.00

DBMS should provide following feature(s)_____

Select one:

- ○ a. Safety of information stored
- ◉ b. All of these ✔
- ○ c. Protect data from system crash
- ○ d. Authorized access

Your answer is correct.

The correct answer is: All of these

Question 20

Correct

Mark 1.00 out of 1.00

What will be the consequence of omitting where clause in Update Statement?

Select one:

- ○ a. Only one record will be updated
- ○ b. None of the above
- ○ c. No effect on the query as well as on table.
- ◉ d. All records present in the table will be updated ✔

Your answer is correct.

The correct answer is: All records present in the table will be updated

Information

Question Paper

Question **21**
Correct
Mark 1.00 out of 1.00

Which SQL statement is used to insert new data in a database?

Select one:

- ○ a. ADD NEW
- ○ b. ADD RECORD
- ○ c. INSERT NEW
- ◉ d.

    INSERT INTO ✔

Your answer is correct.

The correct answer is:

INSERT INTO

Question **22**
Correct
Mark 1.00 out of 1.00

Which of the following SQL command can be used to modify existing data in a database table?

Select one:

- ○ a. Change
- ○ b. New
- ◉ c. Update ✔
- ○ d. Modify

Your answer is correct.

The correct answer is: Update

Question **23**
Correct
Mark 1.00 out of 1.00

_____value is used to represent unknown and undefined value

Select one:

- ◉ a. NULL ✔
- ○ b. blank
- ○ c. none of above
- ○ d. Zero

Your answer is correct.

The correct answer is: NULL

Question 24

Correct

Mark 1.00 out of 1.00

Course(course_id,sec_id,semester)
Here the course_id,sec_id and semester are _____ and course is a _____

Select one:

○ a. Tuple, Attributes

● b. Attributes, Table ✔

○ c. Tables, Attribute

○ d. Tuple, Table

Your answer is correct.

The correct answer is: Attributes, Table

Question 25

Correct

Mark 1.00 out of 1.00

Which one is correct syntax for Insert Statement?

Select one:

○ a. Insert table_name Columns(Col1, Col2,Col3);

○ b. Insert Columns(Col1, Col2,Col3) VALUE (Val1, Val2,Val3) Into table_name;

○ c. None of the above

● d. Insert into table_name (Col1, Col2,Col3) VALUES (Val1,Val2,Val3); ✔

Your answer is correct.

The correct answer is: Insert into table_name (Col1, Col2,Col3) VALUES (Val1,Val2,Val3);

◄ FOCUSED DISCUSSION FORUM UNIT 1

Jump to...

PRACTICE QUIZ ►

Quick Links

Disclaimer

IU site

Gallery

Follow Us

f Facebook

Contact

Integral University, Kursi Road, Lucknow(india)

✉ E-mail: ili@iul.ac.in, sdc@iul.ac.in

Integral Learning Initiative: A Collaborative Blended Learning Platform

Data retention summary

Get the mobile app

Dashboard / My courses / CA203_D / Unit V / Unit Exam 5

Started on	Thursday, 10 December 2020, 10:15 PM
State	Finished
Completed on	Thursday, 10 December 2020, 10:42 PM
Time taken	26 mins 55 secs
Grade	**25.00** out of 25.00 (**100**%)

Information

Mid-Sem Unit Exam, Session (2020-21)

Program: BCA

Course Code and Name: CA203 (Object Oriented Programming Using C++)

Question 1

Complete

Not graded

Enter your Full Name and Roll number

Roll Number: 1901018305

Course Code and Name:ca203/opps using c++

Program: BCA

Year /Semester:2nd/3rd

Section/Group: 4/d

Question 2

Correct

Mark 1.00 out of 1.00

The main objective of an abstract base class is to provide some traits to the derived class and to create a ………………………. required for achieving run time polymorphism.

Select one:

○ a. void pointers

○ b. null pointers

⦿ c. base pointer ✔

○ d. this pointer

The correct answer is: base pointer

Question 3

Correct

Mark 1.00 out of 1.00

How do define the user-defined exceptions?

Select one:

○ a. Inherting class functionlity

○ b. None of the above

◉ c. Inherting & overriding exception class functionlity ✔

○ d. Overriding class functionlity

The correct answer is: Inherting & overriding exception class functionlity

Question 4

Correct

Mark 1.00 out of 1.00

Run time polymorphism is achieved only when a ……………… is accessed through a pointer to the base class.

Select one:

○ a. static function

◉ b. virtual function ✔

○ c. member function

○ d. real function

The correct answer is: virtual function

Question 5

Correct

Mark 1.00 out of 1.00

…………………… is useful in creating objects at run time.

Select one:

◉ a. object pointer ✔

○ b. null pointer

○ c. void pointer

○ d. this pointer

The correct answer is: object pointer

Question 6

Correct

Mark 1.00 out of 1.00

A ......binding means that an object is bound to its function call at compile time.

Select one:

○ a. fixed

○ b. dynamic

◉ c. static ✔

○ d. late

The correct answer is: static

Question 7

Correct

Mark 1.00 out of 1.00

If a ……………………… is defined in the base class. it need not be necessarily redefined in the derived class.

Select one:

○ a. member function

○ b. real function

⦿ c. virtual function ✔

○ d. static function

The correct answer is: virtual function

Question 8

Correct

Mark 1.00 out of 1.00

Which keyword is used to handle the expection?

Select one:

○ a. Try

⦿ b. Catch ✔

○ c. None of the above

○ d. Throw

The correct answer is: Catch

Question 9

Correct

Mark 1.00 out of 1.00

In nested try block, if inner catch handler gets executed, then _____?

Select one:

○ a. Compiler will jump to the outer catch handler and then executes remaining executable statements of main().

○ b. Program execution stops immediately.

⦿ c. Compiler will execute remaining executable statements of outer try block and then the main(). ✔

○ d. Outer catch handler will also get executed.

The correct answer is: Compiler will execute remaining executable statements of outer try block and then the main().

Question 10

Correct

Mark 1.00 out of 1.00

The pointer to a function is known as ………………… function.

Select one:

○ a. backward

⦿ b. callback ✔

○ c. forward

○ d. pointer

The correct answer is: callback

Question 11

Correct

Mark 1.00 out of 1.00

If we attempt to dereference an uninitialized pointer it will …………………. by referring to any other location in memory.

Select one:

○ a. run time error

○ b. executes

○ c. cause a compile-time error

◉ d. cause run time error ✔

The correct answer is: cause run time error

Information

Question Paper

Question 12

Correct

Mark 1.00 out of 1.00

…………………………. is a function declared in a base class that has no definition relative to the base class.

Select one:

○ a. pure function

◉ b. pure virtual function ✔

○ c. member function

○ d. virtual function

The correct answer is: pure virtual function

Question 13

Correct

Mark 2.00 out of 2.00

```cpp
#include<iostream>
using namespace std;

class Base {};;
class Derived: public Base {};
int main()
{
Derived d;
try {
     throw d;
}
catch(Base b) {
          cout<<"Caught Base Exception";
}
catch(Derived d) {
          cout<<"Caught Derived Exception";
}
return 0;
}
```

Select one:

○ A. Caught Derived Exception

○ B. None of the above

○ C. Compiler Error

◉ D. Caught Base Exception ✔

Your answer is correct.

The correct answer is: Caught Base Exception

Question 14

Correct

Mark 1.00 out of 1.00

The ………………… cannot be directly used to access all the members of the derived class.

Select one:

○ a. void pointers

◉ b. base pointer ✔

○ c. this pointer

○ d. null pointers

The correct answer is: base pointer

Question 15

Correct

Mark 1.00 out of 1.00

Return type of uncaught_exception() is:

Select one:
- ○ a. char *
- ○ b. double
- ◉ c. bool ✔
- ○ d. int

The correct answer is: bool

Question 16

Correct

Mark 1.00 out of 1.00

We can manipulate a pointer with the indirection operator (*), which is also known as …………………..

Select one:
- ○ a. reference operator
- ○ b. direction operator
- ◉ c. dereference operator ✔
- ○ d. indirection operator

The correct answer is: dereference operator

Question 17

Correct

Mark 1.00 out of 1.00

A ………………… refers to an object that that currently invokes a member function.

Select one:
- ◉ a. this pointer ✔
- ○ b. base pointer
- ○ c. null pointers
- ○ d. void pointers

The correct answer is: this pointer

Question 18

Correct

Mark 1.00 out of 1.00

……………… are also known as generic pointers which refer to variables of any type.

Select one:
- ○ a. base pointer
- ○ b. null pointers
- ◉ c. void pointers ✔
- ○ d. this pointer

The correct answer is: void pointers

Question 19

Correct

Mark 1.00 out of 1.00

In compiletime polymorphism are also known as

Select one:

○ a. static binding

◉ b. All of the above ✔

○ c. early binding

○ d. static linking

The correct answer is: All of the above

Question 20

Correct

Mark 1.00 out of 1.00

The pointers which are not initialized in a program are called.

Select one:

○ a. void pointers

○ b. this pointer

○ c. base pointer

◉ d. null pointers ✔

The correct answer is: null pointers

Question 21

Correct

Mark 1.00 out of 1.00

C++ supports run time polymorphism with the help of virtual functions called:

Select one:

○ a. static

○ b. early binding

◉ c. dynamic ✔

○ d. run time

The correct answer is: dynamic

Question 22

Correct

Mark 1.00 out of 1.00

Using the ……………………… we can change the contents of the memory location.

Select one:

○ a. reference operator

◉ b. dereference operator ✔

○ c. direction operator

○ d. indirection operator

The correct answer is: dereference operator

Question **23**

Correct

Mark 1.00 out of 1.00

The important application of ………………… is to return the object it points to.

Select one:

○ a. void pointers

○ b. null pointers

○ c. base pointer

◉ d. this pointer ✔

The correct answer is: this pointer

Question **23**

Correct

Mark 1.00 out of 1.00

The important application of ………………… is to return the object it points to.

Select one:

○ a. void pointers

○ b. null pointers

○ c. base pointer

Question **24**

Correct

Mark 2.00 out of 2.00

```cpp
#include <iostream>

using namespace std;

int main()
{

int x = -1;

try {
    cout << "Inside try \n";
    if (x < 0)
    {
        throw x;
        cout << "After throw \n";
    }
}
catch (int x ) {
    cout << "Exception Caught \n";
}

cout << "After catch \n";
return 0;
}
```

Select one:

- ○ A.
  Inside try
  Exception Caught
  After catch ✔

- ○ B.
  Inside try
  After throw
  After catch

- ○ C.
  Inside try
  Exception Caught

- ○ D.
  Inside try
  Exception Caught
  After throw
  After catch

Your answer is correct.

The correct answer is:
Inside try
Exception Caught
After catch

Dashboard / My courses / CA204_D / Unit II Entity-Relationship Model / Unit Test 2

Started on	Friday, 13 November 2020, 6:35 PM
State	Finished
Completed on	Friday, 13 November 2020, 7:01 PM
Time taken	26 mins 22 secs
Grade	**25.00** out of 25.00 (**100**%)

Information

Mid-sem Unit Exam, Session (2020-21)

Program: BCA

Course Code and Name: CA-204(Database Management System)

Question **1**

Complete

Not graded

Enter your Full Name and Roll number

Roll Number: 1901018305

Name:shabaj ansari

Program: BCA

Year /Semester:2nd/3rd

Section/Group: d/4

Question 2

Correct

Mark 1.00 out of 1.00

An Entity is said to be _____ if it can exist in the database only when it is associated with another related entity

Select one:

○ a. Entity Degree

○ b. Existence Degree

◉ c. Existence Dependent ✔

○ d. Entity Dependent

The correct answer is: Existence Dependent

Question 3

Correct

Mark 1.00 out of 1.00

Properties that describe the characteristics of entities are called:

Select one:

○ a. Relationship

○ b. Identifiers

◉ c. Attribute ✔

○ d. Property

The correct answer is: Attribute

Question 4

Correct

Mark 1.00 out of 1.00

_____, express the number of entities to which another entity can be associated via a relationship set.

Select one:

○ a. Relational Cardinality

○ b. None

◉ c. Mapping Cardinality ✔

○ d. Participation Constraints

The correct answer is: Mapping Cardinality

Question 5

Correct

Mark 1.00 out of 1.00

A _____ is an association among two or more entities.

Select one:

○ a. None

○ b. Associativity

○ c. Dependency

◉ d. Relationship ✔

The correct answer is: Relationship

Question 6

Correct

Mark 1.00 out of 1.00

EMPLOYEE WorksOn PROJECT is _____ type of relationship.

Select one:

○ a. One-to-One

○ b. One-to-Many

○ c. Many-to-one

◉ d. Many-to-many ✔

The correct answer is: Many-to-many

Question 7

Correct

Mark 1.00 out of 1.00

If An entity in A is associated with any number (zero or more) of entities in B. An entity in B, however, can be associated with at most one entity in A.This is an example of:

Select one:

◉ a. One-to-Many ✔

○ b. One-to-One

○ c. Many-to-many

○ d. Many-to-one

The correct answer is: One-to-Many

Question 8

Correct

Mark 1.00 out of 1.00

The _____ of a relationship type is the number of participating entity types.

Select one:

○ a. None

○ b. Adjacency

○ c. Participants

◉ d. Degree ✔

The correct answer is: Degree

Question 9

Correct

Mark 1.00 out of 1.00

_____ is an abstraction through which relationships are treated as higher-level entities.

Select one:

○ a. Specialization

○ b. Generalization

○ c. None

◉ d. Aggregation ✔

The correct answer is: Aggregation

Question 10

Correct

Mark 1.00 out of 1.00

Which of the fol lowing gives a logical structure of the database graphically?

Select one:

○ a. None

○ b. Relation Diagram

◉ c. E R Diagram ✔

○ d. Database Diagram

The correct answer is: E R Diagram

Question 11

Correct

Mark 1.00 out of 1.00

An attribute takes a _____ when an entity does not have a value for it.

Select one:

○ a. Default value

○ b. None

○ c. Zero value

◉ d. Null value ✔

The correct answer is: Null value

Question 12

Correct

Mark 1.00 out of 1.00

In an Entity-Relationship Diagram "Ellipses" represents

Select one:

◉ a. Attributes ✔

○ b. Multi-valued attributes

○ c. Weak entity set

○ d. Relationship sets

The correct answer is: Attributes

Question 13

Correct

Mark 1.00 out of 1.00

The participation of an entity set E in a relationship set R is said to be _____ if every entity in E participates in at least one relationship in R.

Select one:

◉ a. Total ✔

○ b. Partial

○ c. Complete

○ d. None

The correct answer is: Total

Question 14

Correct

Mark 1.00 out of 1.00

_____ is chosen by the database designer as the principal means of identifying entities within an Entity Set.

Select one:

○ a. Primary key ✔

○ b. Foreign Key

○ c. Candiadte Key

○ d. Super Key

The correct answer is: Primary key

Question 15

Correct

Mark 1.00 out of 1.00

Which of the following is a single valued attribute?

Select one:

○ a. Reference

○ b. Registration_number ✔

○ c. MobileNo

○ d. Subject_taken

The correct answer is: Registration_number

Question 16

Correct

Mark 1.00 out of 1.00

An entity set that does not have sufficient attributes to form a primary key is termed a _____

Select one:

○ a. Variable set

○ b. Strong entity set

○ c. Variant set

○ d. Weak entity set ✔

The correct answer is: Weak entity set

Question 17

Correct

Mark 1.00 out of 1.00

The attribute AGE is calculated from DATE_OF_BIRTH. The attribute AGE is:

Select one:

○ a. Simple attribute

◉ b. Derived attribute ✔

○ c. Multivalued attribute

○ d. Composite attribute

The correct answer is: Derived attribute

Question 18

Correct

Mark 1.00 out of 1.00

Entity is a

Select one:

○ a. Model of relation

○ b. Object of relation

○ c. Present working model

◉ d. Thing in real world ✔

The correct answer is: Thing in real world

Question 19

Correct

Mark 1.00 out of 1.00

The relationship set is represented in E-R diagram as:

Select one:

○ a. Double diamonds

○ b. Dashed lines

○ c. Undivided rectangles

◉ d. Diamond ✔

The correct answer is: Diamond

Question 20

Correct

Mark 1.00 out of 1.00

The relationship between the President and the country is an example of which type of relationship?

Select one:

○ a. Many-to-one

○ b. One-to-Many

◉ c. One-to-One ✔

○ d. Many-to-many

The correct answer is: One-to-One

Question 21

Correct

Mark 1.00 out of 1.00

An _____ is a set of entities of the same type that share the same properties, or attributes.

Select one:

○ a. Entity Group

○ b. Entity Collection

○ c. None

◉ d. Entity Set ✔

The correct answer is: Entity Set

Question 22

Correct

Mark 1.00 out of 1.00

_____ is the process of defining a set of subclasses of an entity type.

Select one:

○ a. Aggregation

○ b. Generalization

◉ c. Specialization ✔

○ d. None

The correct answer is: Specialization

Question 23	Weak entity set is represented as:
Correct	Select one:
Mark 1.00 out of 1.00	○ a. Double diamond
	○ b. Double line
	○ c. Underline
	◉ d. Double rectangle ✔

The correct answer is: Double rectangle

Question 24	An Entity may have:
Correct	Select one:
Mark 1.00 out of 1.00	○ a. None
	○ b. Physcial Existence
	◉ c. Both A and B ✔
	○ d. Logical Existence

The correct answer is: Both A and B

Question 25	The attribute name could be structured as a attribute consisting of first name, middle initial, and last name . This type of attribute is called
Correct	Select one:
Mark 1.00 out of 1.00	◉ a. Composite attribute ✔
	○ b. Derived attribute
	○ c. Simple attribute
	○ d. Multivalued attribute

The correct answer is: Composite attribute

Information	Question Paper

Question 26

Correct

Mark 1.00 out of 1.00

A _____ is an attribute whose values match the Primary Key values in the related Entity Set.

Select one:

○ a. Candiadte Key

○ b. Super Key

◉ c. Foreign Key ✔

○ d. Primary key

The correct answer is: Foreign Key

◄ PRACTICE QUIZ UNIT 2

Jump to...

FEEDBACK UNIT 2 ►

Data retention summary

Get the mobile app

Dashboard / My courses / CA204_C / Unit II Entity-relationship Model / Unit Test 2

Started on	Friday, 13 November 2020, 6:13 PM
State	Finished
Completed on	Friday, 13 November 2020, 6:31 PM
Time taken	18 mins 5 secs
Grade	**25.00** out of 25.00 (**100**%)

Information

Mid-sem Unit Exam, Session (2020-21)

Program: BCA

Course Code and Name: CA-204 (DBMS)

Question **1**

Complete

Not graded

Enter your Full Name and Roll number

Roll Number: 1901018176

Name: Mohammad Asif

Program: BCA

Year /Semester: 2nd/3rd

Section/Group: c

Question **2**

Correct

Mark 1.00 out of 1.00

An entity set that does not have sufficient attributes to form a primary key is termed a _____

Select one:

○ a. Variant set

○ b. Variable set

◉ c. Weak entity set ✔

○ d. Strong entity set

The correct answer is: Weak entity set

Question 3

Correct

Mark 1.00 out of 1.00

_____ is an abstraction through which relationships are treated as higher-level entities.

Select one:

○ a. Specialization

○ b. None

◉ c. Aggregation ✔

○ d. Generalization

The correct answer is: Aggregation

Question 4

Correct

Mark 1.00 out of 1.00

A _____ is an association among two or more entities.

Select one:

◉ a. Relationship ✔

○ b. Dependency

○ c. None

○ d. Associativity

The correct answer is: Relationship

Question 5

Correct

Mark 1.00 out of 1.00

EMPLOYEE WorksOn PROJECT is _____ type of relationship.

Select one:

○ a. Many-to-one

○ b. One-to-Many

◉ c. Many-to-many ✔

○ d. One-to-One

The correct answer is: Many-to-many

Question 6

Correct

Mark 1.00 out of 1.00

A _____ is an attribute whose values match the Primary Key values in the related Entity Set.

Select one:

○ a. Candiadte Key

○ b. Primary key

◉ c. Foreign Key ✔

○ d. Super Key

The correct answer is: Foreign Key

Question 7

Correct

Mark 1.00 out of 1.00

The attribute name could be structured as a attribute consisting of first name, middle initial, and last name . This type of attribute is called

Select one:

○ a. Simple attribute

○ b. Multivalued attribute

○ c. Derived attribute

◉ d. Composite attribute ✔

The correct answer is: Composite attribute

Question 8

Correct

Mark 1.00 out of 1.00

Weak entity set is represented as:

Select one:

○ a. Double diamond

○ b. Double line

◉ c. Double rectangle ✔

○ d. Underline

The correct answer is: Double rectangle

Question 9

Correct

Mark 1.00 out of 1.00

An attribute takes a _____ when an entity does not have a value for it.

Select one:

○ a. Default value

○ b. None

○ c. Zero value

◉ d. Null value ✔

The correct answer is: Null value

Question 10

Correct

Mark 1.00 out of 1.00

Entity is a

Select one:

○ a. Model of relation

○ b. Present working model

○ c. Object of relation

◉ d. Thing in real world ✔

The correct answer is: Thing in real world

Question 11

Correct

Mark 1.00 out of 1.00

The participation of an entity set E in a relationship set R is said to be _____ if every entity in E participates in at least one relationship in R.

Select one:

○ a. None

○ b. Complete

◉ c. Total ✔

○ d. Partial

The correct answer is: Total

Question 12

Correct

Mark 1.00 out of 1.00

Which of the fol lowing gives a logical structure of the database graphically?

Select one:

○ a. None

○ b. Database Diagram

◉ c. E R Diagram ✔

○ d. Relation Diagram

The correct answer is: E R Diagram

Question 13

Correct

Mark 1.00 out of 1.00

_____ is the process of defining a set of subclasses of an entity type.

Select one:

○ a. Generalization

◉ b. Specialization ✔

○ c. None

○ d. Aggregation

The correct answer is: Specialization

Question 14

Correct

Mark 1.00 out of 1.00

An Entity may have:

Select one:

○ a. None

◉ b. Both A and B ✔

○ c. Logical Existence

○ d. Physcial Existence

The correct answer is: Both A and B

Question 15

Correct

Mark 1.00 out of 1.00

The relationship between the President and the country is an example of which type of relationship?

Select one:

- a. One-to-Many
- b. One-to-One ✔
- c. Many-to-many
- d. Many-to-one

The correct answer is: One-to-One

Question 16

Correct

Mark 1.00 out of 1.00

The attribute AGE is calculated from DATE_OF_BIRTH. The attribute AGE is:

Select one:

- a. Derived attribute ✔
- b. Composite attribute
- c. Simple attribute
- d. Multivalued attribute

The correct answer is: Derived attribute

Question 17

Correct

Mark 1.00 out of 1.00

_____, express the number of entities to which another entity can be associated via a relationship set.

Select one:

- a. None
- b. Relational Cardinality
- c. Mapping Cardinality ✔
- d. Participation Constraints

The correct answer is: Mapping Cardinality

Question 18

Correct

Mark 1.00 out of 1.00

If An entity in A is associated with any number (zero or more) of entities in B. An entity in B, however, can be associated with at most one entity in A.This is an example of:

Select one:

- a. Many-to-many
- b. One-to-One
- c. Many-to-one
- d. One-to-Many ✔

The correct answer is: One-to-Many

Information

Question Paper

Question 19

Correct

Mark 1.00 out of 1.00

An Entity is said to be _____ if it can exist in the database only when it is associated with another related entity

Select one:

- ○ a. Existence Dependent ✔
- ○ b. Entity Degree
- ○ c. Existence Degree
- ○ d. Entity Dependent

The correct answer is: Existence Dependent

Question 20

Correct

Mark 1.00 out of 1.00

The relationship set is represented in E-R diagram as:

Select one:

- ○ a. Dashed lines
- ○ b. Double diamonds
- ○ c. Diamond ✔
- ○ d. Undivided rectangles

The correct answer is: Diamond

Question 21

Correct

Mark 1.00 out of 1.00

In an Entity-Relationship Diagram "Ellipses" represents

Select one:

- ○ a. Weak entity set
- ○ b. Relationship sets
- ○ c. Attributes ✔
- ○ d. Multi-valued attributes

The correct answer is: Attributes

Question 22

Correct

Mark 1.00 out of 1.00

The _____ of a relationship type is the number of participating entity types.

Select one:

- ○ a. None
- ○ b. Degree ✔
- ○ c. Adjacency
- ○ d. Participants

The correct answer is: Degree

Question 23

Correct

Mark 1.00 out of 1.00

Properties that describe the characteristics of entities are called:

Select one:

- ○ a. Identifiers
- ○ b. Property
- ○ c. Relationship
- ● d. Attribute ✔

The correct answer is: Attribute

Question 24

Correct

Mark 1.00 out of 1.00

_____ is chosen by the database designer as the principal means of identifying entities within an Entity Set.

Select one:

- ○ a. Super Key
- ● b. Primary key ✔
- ○ c. Foreign Key
- ○ d. Candiadte Key

The correct answer is: Primary key

Question 25

Correct

Mark 1.00 out of 1.00

An _____ is a set of entities of the same type that share the same properties, or attributes.

Select one:

- ○ a. Entity Group
- ○ b. None
- ○ c. Entity Collection
- ● d. Entity Set ✔

The correct answer is: Entity Set

Question 26

Correct

Mark 1.00 out of 1.00

Which of the following is a single valued attribute?

Select one:

- ○ a. Subject_taken
- ● b. Registration_number ✔
- ○ c. Reference
- ○ d. MobileNo

The correct answer is: Registration_number

Quick Links

Disclaimer

IU site

Gallery

Follow Us

f Facebook

Jump to...

Contact

Integral University, Kursi Road, Lucknow(india)

✉ E-mail: ili@iul.ac.in, sdc@iul.ac.in

◄ PRACTICE QUIZ UNIT 2

FEEDBACK UNIT 2 ►

Data retention summary

Get the mobile app

Question 2

Not yet answered

Marked out of 1.00

A schedule S is said to be _____ if it is view equivalent to a serial schedule.

Select one:

○ a. Conflict Serializable

○ b. Non-conflict Serializable

◉ c. View Serializable

○ d. None of the above

Clear my choice

Question 3

Not yet answered

Marked out of 1.00

A Schedule S is _____ if, for every transaction T participating in the schedule, all the operations of T are executed consecutively in the schedule.

Select one:

○ a. Serial Schedule

○ b. Non-Serial Schedule

◉ c. Both A and B

○ d. None of the above

Clear my choice

Question 4

Not yet answered

Marked out of 1.00

At which state, some types of concurrency control protocols may do additional checks to see if the transaction can be committed or not?

Select one:

○ a. Active

◉ b. Partially Commited

○ c. Commited

○ d. Aborted

Clear my choice

Question 5

Not yet answered

Marked out of 1.00

Forming a single logical unit of task from a collection of routine operations is called:

Select one:

○ a. Execution

○ b. Concurrency

◉ c. Transaction

○ d. None of the above

Clear my choice

Question 6

Not yet answered

Marked out of 1.00

If a schedule S can be transformed into a schedule S' by a series of swaps of nonconflicting instructions, we say that S and S' are _____.

Select one:

- ⦿ a. Conflict Serializable
- ○ b. Non-conflict Serializable
- ○ c. View Serializable
- ○ d. None of the above

Clear my choice

Question 7

Not yet answered

Marked out of 1.00

If a transaction Ti has obtained a _____ lock on item Q, then Ti can read, but cannot write, Q.

Select one:

- ⦿ a. Shared
- ○ b. Exclusive
- ○ c. Both A and B
- ○ d. None of the above

Clear my choice

Question 8

Not yet answered

Marked out of 1.00

If a transaction Ti has obtained an _____ on item Q, then Ti can both read and write Q.

Select one:

- ○ a. Shared
- ⦿ b. Exclusive
- ○ c. Both A and B
- ○ d. None of the above

Clear my choice

Question 9

Not yet answered

Marked out of 1.00

In which phase of Two phase Locking protocol, A transaction may obtain locks, but may not release any lock?

Select one:

- ⦿ a. Growing
- ○ b. Shrinking
- ○ c. Both A and B
- ○ d. None of the above

Clear my choice

Question 10

Not yet answered

Marked out of 1.00

In which phase of Two phase Locking protocol, A transaction may release locks, but may not obtain any new locks?

Select one:

- ○ a. Growing
- ⦿ b. Shrinking
- ○ c. Both A and B
- ○ d. None of the above

Clear my choice

Question 11

Not yet answered

Marked out of 1.00

Lock in _____ mode is compatible with shared mode, but not with exclusive mode.

Select one:

- ⦿ a. Shared
- ○ b. Exclusive
- ○ c. Both A and B
- ○ d. None of the above

Clear my choice

Question 12

Not yet answered

Marked out of 1.00

Term stating either all operations of transaction are executed or none to be performed is known as:

Select one:

- ⦿ a. Atomicity
- ○ b. Consistency
- ○ c. Isolation
- ○ d. Durability

Clear my choice

Question 13

Not yet answered

Marked out of 1.00

The execution of a transaction should not be interfered with by any other transactions executing concurrently, this property is known as:

Select one:

- ○ a. Atomicity
- ○ b. Consistency
- ⦿ c. Isolation
- ○ d. Durability

Clear my choice

Question 14

Not yet answered

Marked out of 1.00

The execution sequences are called _____.

Select one:

- ○ a. Scheme
- ⦿ b. Shcedule
- ○ c. Sequence
- ○ d. None of the above

Clear my choice

Question 15

Not yet answered

Marked out of 1.00

The schedule which is equivalent to a serial schedule are called _____ schedules.

Select one:

- ⦿ a. Serializable
- ○ b. Non-Serializable
- ○ c. Sequence
- ○ d. None of the above

Clear my choice

Question 16

Not yet answered

Marked out of 1.00

There may be _____ possible serial schedules of n transactions.

Select one:

- ● a. n!
- ○ b. n/2
- ○ c. 2n
- ○ d. None of the above

Clear my choice

Question 17

Not yet answered

Marked out of 1.00

To ensure that the system must control the interaction among the concurrent transactions it is achieved through _____.

Select one:

- ○ a. Conflict Control
- ○ b. Consistency Control
- ● c. Concurrency Control
- ○ d. None of the above

Clear my choice

Question 18

Not yet answered

Marked out of 1.00

Two operations in a schedule are said to _____ if they belong to different transactions, access the same database item, and at least one of these operations is a write operation.

Select one:

- ○ a. serial
- ○ b. non conflict
- ● c. conflict
- ○ d. None of the above

Clear my choice

Question 19

Not yet answered

Marked out of 1.00

What are the main problems of using Serial Schedules?

Select one:

- ○ a. Limited Concurrency
- ○ b. Wasting valuable CPU processing time
- ● c. Both A and B
- ○ d. None of the above

Clear my choice

Question 20

Not yet answered

Marked out of 1.00

What is main mode in which a data item may be locked?

Select one:

- ○ a. Shared
- ○ b. Exclusive
- ● c. Both A and B
- ○ d. None of the above

Clear my choice

Question 21

Not yet
answered

Marked out of
1.00

Which are the basic database access operations that a transaction can include:

Select one:

○ a. Read

○ b. Write

◉ c. Both A and B

○ d. None of the above

Clear my choice

Question 22

Not yet
answered

Marked out of
1.00

Which operation signals a successful end of the transaction?

Select one:

◉ a. Commit

○ b. Rollback

○ c. Aborted

○ d. None of the above

Clear my choice

Question 23

Not yet
answered

Marked out of
1.00

Which property states that after a transaction completes successfully, the changes it has made to the database persist, even if there are system failures.

Select one:

○ a. Atomicity

○ b. Consistency

○ c. Isolation

◉ d. Durability

Clear my choice

Question 24

Not yet
answered

Marked out of
1.00

Which property states that if the database was in consistent state before the start of a transaction, then on termination of transaction the database will also be in consistent state?

Select one:

○ a. Atomicity

◉ b. Consistency

○ c. Isolation

○ d. Durability

Clear my choice

Question 25

Not yet answered

Marked out of 1.00

Which state tells that the transaction has been rolled back and the database has been restored to its state prior to the start of the transaction?

Select one:

○ a. Active

○ b. Partially Commited

○ c. Failed

● d. Aborted

Clear my choice

Question 26

Not yet answered

Marked out of 1.00

While one transaction is accessing a data item, no other transaction can access or modify that data item, it is achieved through _____.

Select one:

● a. Locking

○ b. Keying

○ c. Non-Keying

○ d. None of the above

Clear my choice

◄ PRACTICE QUIZ UNIT 5   Jump to...   QUIZ 2 ►

Quick Links

Disclaimer

IU site

Gallery

Follow Us

f   Facebook

Contact

Integral University, Kursi Road, Lucknow(india)

✉ E-mail: ili@iul.ac.in, sdc@iul.ac.in

Integral Learning Initiative: A Collaborative Blended Learning Platform

Data retention summary

Get the mobile app

Question 2

Not yet answered

Marked out of 1.00

A view is which of the following?

Select one:

- ● a. A virtual table that can be accessed via SQL commands
- ○ b. A virtual table that cannot be accessed via SQL commands
- ○ c. A base table that can be accessed via SQL commands
- ○ d. A base table that cannot be accessed via SQL commands

Clear my choice

Question 3

Not yet answered

Marked out of 1.00

Foreign key is the one in which the _____ of one relation is referenced in another relation.

Select one:

- ○ a. Foreign key
- ● b. Primary key
- ○ c. References
- ○ d. Check constraint

Clear my choice

Question 4

Not yet answered

Marked out of 1.00

How to select all data from student table starting the name from letter r?

Select one:

- ● a. SELECT * FROM student WHERE name LIKE 'r%';
- ○ b. SELECT * FROM student WHERE name LIKE '%r%';
- ○ c. SELECT * FROM student WHERE name LIKE '%r';
- ○ d. SELECT * FROM student WHERE name LIKE '_r%';

Clear my choice

Question 5

Not yet answered

Marked out of 1.00

In a relational model, relations are termed as:

Select one:

- ○ a. Tuples.
- ○ b. Attributes
- ● c. Tables.
- ○ d. Rows.

Clear my choice

Question 6

Not yet answered

Marked out of 1.00

NULL is

Select one:

○ a. the same as 0 for integer

○ b. the same as blank for character

○ c. the same as 0 for integer and blank for character

⦿ d. not a value

    Clear my choice

Question 7

Not yet answered

Marked out of 1.00

The command to eliminate a table from a database is

Select one:

○ a. REMOVE TABLE CUSTOMER;

⦿ b. DROP TABLE CUSTOMER;

○ c. DELETE TABLE CUSTOMER;

○ d. UPDATE TABLE CUSTOMER;

    Clear my choice

Question 8

Not yet answered

Marked out of 1.00

The HAVING clause does which of the following?

Select one:

⦿ a. Acts like a WHERE clause but is used for groups rather than rows.

○ b. Acts like a WHERE clause but is used for rows rather than columns.

○ c. Acts like a WHERE clause but is used for columns rather than groups.

○ d. Acts EXACTLY like a WHERE clause.

    Clear my choice

Question 9

Not yet answered

Marked out of 1.00

The number of entities to which another entity can be associated via a relationship set is expressed as

Select one:

○ a. Entity

⦿ b. Cardinality

○ c. Schema

○ d. Attributes

    Clear my choice

Question 10

Not yet answered

Marked out of 1.00

The SQL ALTER statement can be used to.

Select one:

○ a. change the table data.

⦿ b. change the table structure.

○ c. delete rows from the table.

○ d. add rows to the table.

    Clear my choice

Question 11

Not yet answered

Marked out of 1.00

The SQL keyword(s) _____ is used with wildcards.

Select one:
- ● a. LIKE only
- ○ b. IN only
- ○ c. NOT IN only
- ○ d. IN and NOT IN

Clear my choice

Question 12

Not yet answered

Marked out of 1.00

The SQL statement SELECT ROUND(45.926,1) FROM DUAL;

Select one:
- ○ a. is illegal
- ○ b. prints garbage
- ○ c. prints 045.926
- ● d. prints 50

Clear my choice

Question 13

Not yet answered

Marked out of 1.00

To get the server output result and display it into the screen, you need to write.

Select one:
- ● a. set serveroutput on
- ○ b. set server output on
- ○ c. set dbmsoutput on
- ○ d. set dbms output on

Clear my choice

Question 14

Not yet answered

Marked out of 1.00

To include integrity constraint in an existing relation use :

Select one:
- ○ a. Modify table
- ○ b. Drop table
- ● c. Alter table
- ○ d. Create table

Clear my choice

Question 15

Not yet answered

Marked out of 1.00

Which function is used to divide one numeric expression by another and get the remainder ?

Select one:
- ○ a. POWER
- ● b. MOD
- ○ c. ROUND
- ○ d. REMAINDER

Clear my choice

Question 16

Not yet answered

Marked out of 1.00

Which of the following is a comparison operator in SQL?

Select one:

○ a. Double equal sign (==)

○ b. LIKE

○ c. BETWEEN

● d. Single equal sign (=)

Clear my choice

Question 17

Not yet answered

Marked out of 1.00

Which of the following is not a integrity constraint ?

Select one:

○ a. Not null

● b. Positive

○ c. Unique

○ d. Check predicate

Clear my choice

Question 18

Not yet answered

Marked out of 1.00

Which of the following is NOT a type of SQL constraint?

Select one:

○ a. PRIMARY KEY

● b. ALTERNATE KEY

○ c. FOREIGN KEY

○ d. UNIQUE

Clear my choice

Question 19

Not yet answered

Marked out of 1.00

Which of the following is not true about the execution section of a PL/SQL block?

Select one:

● a. It should have more than one executable line of code.

○ b. It may have just a NULL command to indicate that nothing should be executed.

○ c. The statements must always end with a semicolon.

○ d. The section may contain SQL commands, logical control commands, assignment commands, as well as other commands.

Clear my choice

Question 20

Not yet answered

Marked out of 1.00

Which of the following is the correct order of keywords for SQL SELECT statements?

Select one:

● a. SELECT, FROM, WHERE

○ b. FROM, WHERE, SELECT

○ c. WHERE, FROM,SELECT

○ d. SELECT,WHERE,FROM

Clear my choice

Question 21

Not yet answered

Marked out of 1.00

Which of the following is true about SQL joins?

Select one:

○ a. The join condition is not separated from other search conditions in a query.

○ b. The ON clause makes code difficult to understand.

● c. The join condition for natural join is basically an equijoin of all columns with same name.

○ d. None of the above.

Clear my choice

Question 22

Not yet answered

Marked out of 1.00

Which of the following query is correct for using comparison operators in SQL?

Select one:

○ a. SELECT name, course_name FROM student WHERE age&gt;50 and &lt;80;

● b. SELECT name, course_name FROM student WHERE age&gt;50 and age &lt;80;

○ c. SELECT name, course_name FROM student WHERE age&gt;50 and WHERE age&lt;80;

○ d. None of these

Clear my choice

Question 23

Not yet answered

Marked out of 1.00

Which of the following query will result in an error?

Select one:

○ a. select dept_id, avg(salary) from employees group by dept_id;

○ b. select avg(salary) from employees group by dept_id;

○ c. select dept_id, job_id, avg(salary) from employees group by dept_id, job_id;

● d. select dept_id, count(name) from employees;

Clear my choice

Question 24

Not yet answered

Marked out of 1.00

Which statement execute a sequence of statements multiple times?

Select one:

○ a. EXIT

● b. LOOP

○ c. Both A &amp; B

○ d. None of the above

Clear my choice

Question 25

Not yet answered

Marked out of 1.00

You can add a row using SQL in a database with which of the following:

Select one:

○ a. ADD

○ b. CREATE

● c. INSERT

○ d. MAKE

Clear my choice

_____ joins two or more tables based on a specified column value not equaling a specified column value in another table.

Select one:

- ○ a. EQUIJOIN
- ● b. NON-EQUIJOIN
- ○ c. OUTER JOIN
- ○ d. NATURAL JOIN

Clear my choice

Quick Links

Disclaimer

IU site

Gallery

Follow Us

f Facebook

Jump to...

Contact

Integral University, Kursi Road, Lucknow(india)

✉ E-mail: ili@iul.ac.in, sdc@iul.ac.in

Integral Learning Initiative: A Collaborative Blended Learning Platform

Data retention summary

Get the mobile app

Dashboard / My courses / CA204_D / UNIT-I Introduction to Databases / Unit Test-1

Started on	Friday, 9 October 2020, 3:01 PM
State	Finished
Completed on	Friday, 9 October 2020, 3:42 PM
Time taken	41 mins 38 secs
Marks	22.00/25.00
Grade	**8.80** out of 10.00 (**88**%)

Information

Mid-sem Unit Exam, Session (2020-21)

Program: BCA

Course Code and Name: CA-204(Database Management System)

Question **1**

Complete

Not graded

Enter your Full Name and Roll number

Roll Number: 1901018305

Name:Shabaj Ansari

Program: BCA

Year /Semester:2nd/3rd

Section/Group: D/2

Question 2

Correct

Mark 1.00
out of
1.00

Advantages of DBMS are:

Select one:

○ a. Redundancy Control

○ b. Integrity Constraints Enforcement

○ c. Unauthorized Access restriction

◉ d. All of the above ✔

The correct answer is: All of the above

Question 3

Correct

Mark 1.00
out of
1.00

Before database management systems (DBMSs) were introduced, organizations usually storedinformation in _____

Select one:

◉ a. File Processing System ✔

○ b. File Proceed System

○ c. First Processing System

○ d. None of the above

The correct answer is: File Processing System

Question 4

Correct

Mark 1.00
out of
1.00

Database _____ , which is the logical design of the database, and the database_____,which is a snapshot of the data in the database at a given instant in:

Select one:

○ a. Instance, Schema

○ b. Relation, Schema

○ c. Relation, Domain

◉ d. Schema, Instance ✔

The correct answer is: Schema, Instance

Question 5

Correct

Mark 1.00 out of 1.00

Every DBMS is based on a particular _____

Select one:

○ a. Data Modelling

○ b. Database Modelling

◉ c. Data Model ✔

○ d. None of the above

The correct answer is: Data Model

Question 6

Incorrect

Mark 0.00 out of 1.00

Redundancy in storing the same data multiple times leads to which problem?

Select one:

○ a. Single Logical Update problem

○ b. Storage space wastage problem

◉ c. Data Inconsistence Problem ✖

○ d. All of the above

The correct answer is: All of the above

Question 7

Correct

Mark 1.00 out of 1.00

Since many database-system users are not computer trained, developers hide the complexity from users through several levels of _____.

Select one:

◉ a. Abstraction ✔

○ b. Encapsulation

○ c. Polymorphism

○ d. None of the above

The correct answer is: Abstraction

Question 8

Correct

Mark 1.00 out of 1.00

Storing same information several times is called:

Select one:

◉ a. Redundancy ✔

◯ b. Atomicity

◯ c. Integrity

◯ d. None of the above

The correct answer is: Redundancy

Question 9

Correct

Mark 1.00 out of 1.00

The Conditions that are put on the data to be entered are called _____

Select one:

◉ a. Constraints ✔

◯ b. Conditional Statements

◯ c. Restrictions

◯ d. None of the above

The correct answer is: Constraints

Question 10

Correct

Mark 1.00 out of 1.00

The _____ uses a collection of tables to represent both data and the relationships among those data.

Select one:

◯ a. Hierarchical Model

◉ b. Relational Model ✔

◯ c. Network Model

◯ d. None of the above

The correct answer is: Relational Model

Question 11

Correct

Mark 1.00 out of 1.00

The _____ uses a collection of tables to represent both data and the relationships among those data.

Select one:

○ a. Hierarchical Model

◉ b. Relational Model ✔

○ c. Network Model

○ d. None of the above

The correct answer is: Relational Model

Question 12

Correct

Mark 1.00 out of 1.00

We specify a database schema by a set of definitions expressed by a special language called a _____

Select one:

◉ a. Data Definition Language ✔

○ b. Data Manipulation Language

○ c. Relational Data Language

○ d. None of these

The correct answer is: Data Definition Language

Question 13

Correct

Mark 1.00 out of 1.00

Which criteria are used to classify DBMS?

Select one:

○ a. Cost

○ b. Data Model

○ c. No of Users Supported

◉ d. All of the above ✔

The correct answer is: All of the above

Question 14

Correct

Mark 1.00 out of 1.00

Which data model organizes the data in a tree structure that is each child node can have only one parent node?

Select one:

- ⦿ a. Hierarchical Data Model ✔
- ○ b. Network Data Model
- ○ c. Relational Data Model
- ○ d. None of the above

The correct answer is: Hierarchical Data Model

Question 15

Correct

Mark 1.00 out of 1.00

Which one is not a DBMS Software?

Select one:

- ○ a. Oracle
- ○ b. Microsoft SQL Server
- ○ c. MS Access
- ⦿ d. Python ✔

The correct answer is: Python

Question 16

Correct

Mark 1.00 out of 1.00

_____ is a place to store data.

Select one:

- ○ a. DBMS
- ⦿ b. Database ✔
- ○ c. Base for Data
- ○ d. None of the above

The correct answer is: Database

Question 17

Correct

Mark 1.00 out of 1.00

_____ means many systems allow multiple users to update the data simultaneously.

Select one:

○ a. Integrity

○ b. Atomicity

◉ c. Concurrent Access ✔

○ d. None of the above

The correct answer is: Concurrent Access

Question 18

Correct

Mark 1.00 out of 1.00

_____ is a lowest level of abstraction that describes how the data are actually stored.

Select one:

○ a. Logical Level

◉ b. Physical Level ✔

○ c. External Level

○ d. View level

The correct answer is: Physical Level

Question 19

Correct

Mark 1.00 out of 1.00

_____ is a snapshot of the data in the database at a given instant in time.

Select one:

○ a. Schema

◉ b. Instance ✔

○ c. Relation

○ d. None of these

The correct answer is: Instance

Question 20

Correct

Mark 1.00 out of 1.00

_____ is a constraint that frequently occurs involves specifying that a record in one file must be related to records in other files.

Select one:

○ a. Entity Constraint

◉ b. Referential Integrity Constraint ✔

○ c. Primary Ley Constraint

○ d. None of the above

The correct answer is: Referential Integrity Constraint

Question 21

Correct

Mark 1.00 out of 1.00

_____ is the capacity to change the Logical schema without having to change external or view schemas.

Select one:

○ a. Physical Data Independence

◉ b. Logical Data Independence ✔

○ c. External Data Independence

○ d. None of these

The correct answer is: Logical Data Independence

Question 22

Correct

Mark 1.00 out of 1.00

Sharing a database allows multiple users and programs to access the database simultaneously

Select one:

◉ True ✔

○ False

The correct answer is 'True'.

Question 23

Incorrect

Mark 0.00 out of 1.00

A DBMS should provide a security and authorization subsystem, which the DBA uses to create accounts and to specify account restrictions.

Select one:

○ True

◉ False ✖

The correct answer is 'True'.

Question 24

Correct

Mark 1.00 out of 1.00

Relational Data model is the oldest form of the database model.

Select one:

○ True

◉ False ✔

The correct answer is 'False'.

Question 25

Correct

Mark 1.00 out of 1.00

The entity-relationship (E-R) data model uses a collection of basic objects, called entities, and relationships among these objects.

Select one:

◉ True ✔

○ False

The correct answer is 'True'.

Question 26

Incorrect

Mark 0.00 out of 1.00

A Centralized DBMS can have the actual database and DBMS software distributed over many sites connected by a computer network.

Select one:

◉ True ✖

○ False

The correct answer is 'False'.

◄ ASSIGNMENT-1

Jump to...

LEARNING
RESOURCES OF
UNIT ►

Quick Links

Follow Us

Contact

Integral Learning
Initiative: A Collaborative
Blended Learning
Platform

Disclaimer

IU site

Gallery

f Facebook

Integral University, Kursi
Road, Lucknow(india)

✉ E-mail: ili@iul.ac.in,
sdc@iul.ac.in

Data retention summary

Get the mobile app

Dashboard / My courses / CA204_C / UNIT-I Introduction to Databases / Unit Test-1

Started on	Friday, 9 October 2020, 3:00 PM
State	Finished
Completed on	Friday, 9 October 2020, 3:45 PM
Time taken	44 mins 59 secs
Marks	23.00/25.00
Grade	**9.20** out of 10.00 (**92**%)

Information

Mid-sem Unit Exam, Session (2020-21)

Program: BCA

Course Code and Name: CA-204 (DBMS)

Question 1

Complete

Not graded

Enter your Full Name and Roll number

Roll Number: 1901018176

Name: Mohammad Asif

Program: BCA

Year /Semester: 2nd/3rd

Section/Group: C

Question 2

Correct

Mark 1.00 out of 1.00

Before database management systems (DBMSs) were introduced, organizations usually stored information in _____

Select one:
- ⦿ a. File Processing System ✔
- ◯ b. File Proceed System
- ◯ c. First Processing System
- ◯ d. None of the above

Your answer is correct.

The correct answer is: File Processing System

Question 3

Correct

Mark 1.00 out of 1.00

_____ is the capacity to change the Logical schema without having to change external or view schemas.

Select one:

- ○ a. Physical Data Independence
- ◉ b. Logical Data Independence ✔
- ○ c. External Data Independence
- ○ d. None of these

Your answer is correct.

The correct answer is: Logical Data Independence

Question 4

Correct

Mark 1.00 out of 1.00

_____ is a snapshot of the data in the database at a given instant in time.

Select one:

- ○ a. Schema
- ◉ b. Instance ✔
- ○ c. Relation
- ○ d. None of these

Your answer is correct.

The correct answer is: Instance

Question 5

Correct

Mark 1.00 out of 1.00

_____ is a lowest level of abstraction that describes how the data are actually stored.

Select one:

- ○ a. Logical Level
- ◉ b. Physical Level ✔
- ○ c. External Level
- ○ d. View level

Your answer is correct.

The correct answer is: Physical Level

Question 6

Correct

Mark 1.00 out of 1.00

We specify a database schema by a set of definitions expressed by a special language called a _____

Select one:

- ◉ a. Data Definition Language ✔
- ○ b. Data Manipulation Language
- ○ c. Relational Data Language
- ○ d. None of these

Your answer is correct.

The correct answer is: Data Definition Language

Question 7

Correct

Mark 1.00 out of 1.00

_____ is a place to store data.

Select one:

○ a. DBMS

◉ b. Database ✔

○ c. Base for Data

○ d. None of the above

Your answer is correct.

The correct answer is: Database

Question 8

Correct

Mark 1.00 out of 1.00

The Conditions that are put on the data to be entered are called _____

Select one:

◉ a. Constraints ✔

○ b. Conditional Statements

○ c. Restrictions

○ d. None of the above

Your answer is correct.

The correct answer is: Constraints

Question 9

Correct

Mark 1.00 out of 1.00

Sharing a database allows multiple users and programs to access the database simultaneously

Select one:

◉ True ✔

○ False

The correct answer is 'True'.

Question 10

Correct

Mark 1.00 out of 1.00

Redundancy in storing the same data multiple times leads to which problem?

Select one:

○ a. Single Logical Update problem

○ b. Storage space wastage problem

○ c. Data Inconsistence Problem

◉ d. All of the above ✔

Your answer is correct.

The correct answer is: All of the above

Question 11

Correct

Mark 1.00 out of 1.00

_____ means many systems allow multiple users to update the data simultaneously.

Select one:

○ a. Integrity

○ b. Atomicity

◉ c. Concurrent Access ✔

○ d. None of the above

Your answer is correct.

The correct answer is: Concurrent Access

Question 12

Correct

Mark 1.00 out of 1.00

_____ is a constraint that frequently occurs involves specifying that a record in one file must be related to records in other files.

Select one:

○ a. Entity Constraint

◉ b. Referential Integrity Constraint ✔

○ c. Primary Ley Constraint

○ d. None of the above

Your answer is correct.

The correct answer is: Referential Integrity Constraint

Question 13

Correct

Mark 1.00 out of 1.00

A DBMS should provide a security and authorization subsystem, which the DBA uses to create accounts and to specify account restrictions.

Select one:

◉ True ✔

○ False

The correct answer is 'True'.

Question 14

Correct

Mark 1.00 out of 1.00

Since many database-system users are not computer trained, developers hide the complexity from users through several levels of _____.

Select one:

◉ a. Abstraction ✔

○ b. Encapsulation

○ c. Polymorphism

○ d. None of the above

Your answer is correct.

The correct answer is: Abstraction

Question 15

Correct

Mark 1.00 out of 1.00

Every DBMS is based on a particular _____

Select one:

○ a. Data Modelling

○ b. Database Modelling

◉ c. Data Model ✔

○ d. None of the above

Your answer is correct.

The correct answer is: Data Model

Question 16

Incorrect

Mark 0.00 out of 1.00

Relational Data model is the oldest form of the database model.

Select one:

◉ True ✘

○ False

The correct answer is 'False'.

Question 17

Correct

Mark 1.00 out of 1.00

Which data model organizes the data in a tree structure that is each child node can have only one parent node?

Select one:

◉ a. Hierarchical Data Model ✔

○ b. Network Data Model

○ c. Relational Data Model

○ d. None of the above

Your answer is correct.

The correct answer is: Hierarchical Data Model

Question 18

Correct

Mark 1.00 out of 1.00

The _____ uses a collection of tables to represent both data and the relationships among those data.

Select one:

○ a. Hierarchical Model

◉ b. Relational Model ✔

○ c. Network Model

○ d. None of the above

Your answer is correct.

The correct answer is: Relational Model

Question 19

Correct

Mark 1.00 out of 1.00

The entity-relationship (E-R) data model uses a collection of basic objects, called entities, and relationships among these objects.

Select one:

⦿ True ✔

◯ False

The correct answer is 'True'.

Question 20

Correct

Mark 1.00 out of 1.00

A Centralized DBMS can have the actual database and DBMS software distributed over many sites connected by a computer network.

Select one:

◯ True

⦿ False ✔

The correct answer is 'False'.

Question 21

Correct

Mark 1.00 out of 1.00

Which criteria are used to classify DBMS?

Select one:

◯ a. Cost

◯ b. Data Model

◯ c. No of Users Supported

⦿ d. All of the above ✔

Your answer is correct.

The correct answer is: All of the above

Question 22

Correct

Mark 1.00 out of 1.00

A GUI based interface typically displays a schema to the user in diagrammatic form

Select one:

⦿ True ✔

◯ False

The correct answer is 'True'.

Question 23

Incorrect

Mark 0.00 out of 1.00

A data-definition language (DDL) is a language that enables users to access or manipulate data

Select one:

⦿ True ✖

◯ False

The correct answer is 'False'.

Question **24**

Correct

Mark 1.00 out of 1.00

Advantages of DBMS are:

Select one:

○ a. Redundancy Control

○ b. Integrity Constraints Enforcement

○ c. Unauthorized Access restriction

◉ d. All of the above ✔

Your answer is correct.

The correct answer is: All of the above

Question **25**

Correct

Mark 1.00 out of 1.00

Which one is not a DBMS Software?

Select one:

○ a. Oracle

○ b. Microsoft SQL Server

○ c. MS Access

◉ d. Python ✔

Your answer is correct.

The correct answer is: Python

Question **26**

Correct

Mark 1.00 out of 1.00

Storing same information several times is called:

Select one:

◉ a. Redundancy ✔

○ b. Atomicity

○ c. Integrity

○ d. None of the above

Your answer is correct.

The correct answer is: Redundancy

◄ ASSIGNMENT-1

Jump to...

LEARNING RESOURCES OF UNIT ►

INTEGRAL LEARNING INITIATIVE

Quick Links

Follow Us

Contact

Integral Learning Initiative: A
Collaborative Blended Learning
Platform

Disclaimer

IU site

Gallery

f   Facebook

Integral University, Kursi Road,
Lucknow(india)

✉ E-mail: ili@iul.ac.in,
sdc@iul.ac.in

Copyright © 2020 - Developed by SDC, Integral University.

Data retention summary
Get the mobile app