Version Contro MCQ

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Table

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Which of the following are valid step in SDLC framework?

A. Requirement Gathering  
B. System Analysis  
C. Software Design  
D. All of the above

View Answer

Ans : D

Explanation: All of the above are valid step in SDLC framework

Which of the following is the first step in SDLC framwork?

A. Feasibility Study  
B. Requirement Gathering  
C. Communication  
D. System Analysis

View Answer

Ans : C

Explanation: Communication : This is the first step where the user initiates the request for a desired software product.

Which of the following is not correct model in Software Development Paradigm?

A. Waterfall Model  
B. P model  
C. Spiral Model  
D. V model

View Answer

Ans : B

Explanation: There is no model name P-Model in Software Development Paradigm.

Which one of the following is a functional requirement?

A. Maintainability  
B. Portability  
C. Business needs  
D. Reliability

View Answer

Ans : C

Explanation: Business needs is a functional requirement.

What is the major drawback of using RAD Model?

A. Highly specialized & skilled developers/designers are required  
B. Increases reusability of components  
C. Encourages customer/client feedback  
D. Increases reusability of components, Highly specialized & skilled developers/designers are required

View Answer

Ans : D

Explanation: The client may create an unrealistic product vision leading a team to over or under-develop functionality.Also, the specialized & skilled developers are not easily available.

Which type of integration testing uses stubs?

A. Top down testing  
B. Bottom up testing  
C. Both in top down and bottom up testing  
D. System testing

View Answer

Ans : A

Explanation: Top down testing is a type of integration testing uses stubs.

What is DBMS?  
a) DBMS is a collection of queries  
b) DBMS is a high-level language  
c) DBMS is a programming language  
d) DBMS stores, modifies and retrieves data  
View Answer

Answer: d  
Explanation: DBMS is nothing but a storehouse wherein the authorized user can create a database to store, modify or retrieve the organized data in the table. It can be modified or retrieved by users who have access to DBMS only.

What is a database?  
a) Organized collection of information that cannot be accessed, updated, and managed  
b) Collection of data or information without organizing  
c) Organized collection of data or information that can be accessed, updated, and managed  
d) Organized collection of data that cannot be updated  
View Answer

Answer: c  
Explanation: It is defined as an organized collection of data or information for easy access, updating, and management in a computer.

What is the full form of DBMS?  
a) Data of Binary Management System  
b) Database Management System  
c) Database Management Service  
d) Data Backup Management System  
View Answer

Answer: b  
Explanation: DBMS is abbreviated as Database Management System. Database Management System stores the data and allows authorized users to manipulate and modify the data.

Which type of data can be stored in the database?  
a) Image oriented data  
b) Text, files containing data  
c) Data in the form of audio or video  
d) All of the above  
View Answer

Answer: d  
Explanation: The reason for creating the database management system was to store large data and these data can be of any form image, text, audio, or video files, etc. DBMS allows the users to store and access the data of any format.

 Who created the first DBMS?  
a) Edgar Frank Codd  
b) Charles Bachman  
c) Charles Babbage  
d) Sharon B. Codd  
View Answer

Answer: b  
Explanation: Charles Bachman along with his team invented the first DBMS known as Integrated Data Store (IDS).

Which of the following is a function of the DBMS?  
a) Storing data  
b) Providing multi-users access control  
c) Data Integrity  
d) All of the above  
View Answer

Answer: d  
Explanation: The purpose of creating DBMS was to store the data. The data stored in the database management system can be can accessed by multiple users if the access is provided. The data stored will be accurate and complete hence providing data integrity.

Which of the following is a component of the DBMS?  
a) Data  
b) Data Languages  
c) Data Manager  
d) All of the above  
View Answer

Answer: d  
Explanation: The components of DBMS are as follows:  
1) Hardware: Like a hard drive, monitor, etc.  
2) Software: Provides a user interface  
3) Data Manager: Manages operations of DBMS.  
4) Data: The collection of information on the DB is known as data.  
5) Data Languages: Languages like DDL, DML, DAL, and DCL allow to perform operations like creating, modifying, storing, or retrieving data.

The ability to query data, as well as insert, delete, and alter tuples, is offered by \_\_\_\_\_\_\_\_\_\_\_\_  
a) TCL (Transaction Control Language)  
b) DCL (Data Control Language)  
c) DDL (Data Definition Langauge)  
d) DML (Data Manipulation Langauge)  
View Answer

Answer: d  
Explanation: A query is a request for data or information. Relational Schema is the design and structure of the relation. DDL consists of commands that help in modifying. DML performs the change in the values of the relation.

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