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Master of Computer Applications
MCA - I Internal Examinations

PS01CMCA23 Database Management Systems - I

Thursday, 17th October, 2019

Time: 11:00 am to 12:30 pm

Max. Marks: 30

Q-1 Choose the most appropriate option for each question.

[4]

1. _____ uniquely identifies a row in each table.

- (A) Primary Key (B) Not Null Key
(C) Foreign Key (D) Default Key

2. A music album have many artists and an artist have many albums, it is a _____ relationship.

- (A) One-to-one (B) One-to-many
(C) Many-to-many (D) None of these

3. In existing table, to change the data type of a particular column _____ command is used.

- (A) Edit (B) Modify
(C) Alter (D) Change

4. _____ means choosing the correct data type and length for a particular column

- (A) Domain Integrity (B) Default Integrity
(C) Referential Integrity (D) Entity Integrity Constraint

Q-2 Answer the following questions. (Any Three):

[6]

1. Define: Unique key & Foreign Key
2. Discuss a pattern matching operator LIKE in brief with an example.
3. Explain check constraint in brief with an example.
4. List DDL and DCL commands.

Q-3 Answer the following questions.

A. Explain the following inbuilt functions with an example.
LENGTH, ROUND, TO_NUMBER, TRANSLATE, LAST_DAY

[5]

B. Users associated with database systems and their roles.

[5]

OR

B. Discuss DBMS benefits in detail.

[5]

Q-4 Answer the following questions.

A. Explain SELECT command syntax with an example.

[5]

B. Discuss Dr Edgar F. Codd's Rules for RDBMS.

[5]

OR

B. Write a short note on Data Models.

[5]

