

**SOUTHEASTERN UNIVERSITY OF SRI LANKA**  
**THIRD EXAMINATION IN BACHELOR OF BUSINESS ADMINISTRATION /**  
**BACHELOR OF COMMERCE - 2008/2009, SEMESTER – I, JUNE 2010**

**MIS 3101 – COMPUTER SOFTWARE AND APPLICATIONS**

**Answer All Questions**

**Duration: 03 Hours**

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**01.**

i. State whether each of the following is true or false. If false, explain why.

- a) Access is a client / server database (True / False).
- b) You can record an Access macro (True / False).
- c) You can modify information while viewing a report (True / False).
- (b) Access is case-sensitive, so you must be careful to enter criteria in the correct case (True / False).

(01 X 04= 04 Marks)

ii. Write short notes on the followings.

- a) Degree
- b) Tuple
- c) Client Server Database Model
- d) External Data in Access

(03 X 04=12 Marks)

**02.**

i. What do you mean by “Relational Database Management System”?

(04 Marks)

ii. What are the advantages and disadvantages of using a Relational Database Model?

(06 Marks)

iii. What do you mean by normalization? How does second normal form differ from third normal form? To support the answer give an example.

(05 Marks)

iv. Briefly Discuss the role of the following personnel in the database environment

- a) Database Administrator
- b) Application Developer
- c) Physical Database Designer
- d) End-Users

(04 X 04= 16 Marks)

03.

DIGITAL WORLD is newly established video shop which has decided to maintain a database about their customers and transaction done.

The following information has been given to you for the purpose of creating a database. Suppose that you are appointed as Database Developer in the DIGITAL WORLD, based on the following tables answer the questions given below.

**Member\_Table**

| Column Name | Type   | Size |
|-------------|--------|------|
| Mem_Id      | Number | 6    |
| First_Name  | Char   | 20   |
| Last_Name   | Char   | 20   |
| Address     | Char   | 30   |
| City        | Char   | 20   |
| Phone       | Number | 10   |
| Join_Date   | Date   | 8    |

**Title\_Table**

| Column Name  | Type   | Size |
|--------------|--------|------|
| Title_Id     | Number | 4    |
| Title        | Char   | 25   |
| Description  | Char   | 30   |
| Rating       | Number | 4,2  |
| Release_Date | Date   | 8    |

### Rental\_Table

| Column Name  | Type   | Size |
|--------------|--------|------|
| Rental_Date  | Date   | 8    |
| Mem_Id       | Number | 6    |
| Title_Id     | Number | 4    |
| Expire_Date  | Date   | 8    |
| Release_Date | Date   | 8    |

- a. Identify the Constrains (Primary keys & foreign keys) for each table and create the correct relationship among tables. (09 Marks)
- b. What do you mean by a Query? Give an example to support your answer? (04 Marks)
- c. Explain the difference between the AutoForm and the Form Wizard. (04 Marks)
- d. Explain the difference between the Format property and the Input Mask property. (03 Marks)
- e. Write down the steps of protecting your database by giving password in access 2007? (04 Marks)

04.

- a) Briefly explain the following terms in Power Point Presentation.
  - i. Slide Master and Handout Master
  - ii. Animation Scheme
  - iii. Custom Animation(03 X 04 =12 Marks)
- b) What are the key new features in Microsoft Power Point 2007? (05 Marks)
- c) Write down the appropriate Commands sequence to perform the following tasks.
  - i. To print slides without backgrounds
  - ii. To insert Header and Footer
  - iii. Package a presentation to run on another computer
  - iv. Hide the pointer during a slide show(03 X 04 =12 Marks)