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**POST GRADUATE DIPLOMA IN LIBRARY  
AUTOMATION AND NETWORKING  
(PGDLAN)**

**Term-End Practical Examination**

**June, 2018**

**MLIL-003 : INFORMATION SYSTEMS**

*Time Allowed : 2 hours*

*Maximum Marks : 50*

*(Practical Work : 40*

*Viva Voce : 10)*

*(Weightage : 40%)*

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**General Instructions :**

- (i) *Attempt all the questions.*
  - (ii) *Show the output to your examiner.*
  - (iii) *Save your output in your system which will be checked by the examiner.*
  - (iv) *Printout of the answers wherever required should be taken in a sheet duly signed by RD with his/her stamp. Write your Roll No., Study Centre and Date of examination on these sheets.*
  - (v) *Candidates are not permitted to use any manual/handbook in carrying out the practical.*
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**Note :** Attempt the following questions using the SQL Commands or MS-Access.

1. Create an empty database 'CIRCULATION' with two tables - 'Members' and 'Books' : 15
    - (a) Add the following fields in the table 'Members' :  
Member\_ID, First\_Name, Last\_Name, Member\_Age  
(Select Member\_ID as primary key).
    - (b) Add the following fields in the table 'Books':  
Book\_ID, Title, Return\_Date, Member\_ID
  
  2. Populate the tables 'Members' and 'Books' each with 10 records. (The data provided by you should be meaningful). 15
  
  3. Create a view by joining columns of the tables 'Members' and 'Books'. 5
  
  4. Using 'Query Analyser' run the following commands and display the results : 5
    - (a) SELECT BOOK\_ID, TITLE, RETURN\_date, from 'Books'
    - (b) SELECT \* FROM MEMBERS WHERE MEMBER\_AGE > 30.
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