Name of the Teacher: Pooja Bajaj Class: BBA II (BBA – 205)

**Lesson Plan**

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| **S No** | **Period** | **Topics to be Covered** | **Academic Activity to be Organized** |
|  | **17-31 July 2017** | Traditional file oriented approach, Disadvantages of simple file system, Database approach, Advantages of Database approach, | Oral Presentation |
|  | **01-31 Aug 2017** | Database Management Systems (DBMS), Components of DBMS Environment, Advantages and Disadvantages of DBMS, DBMS Architecture, Data Independence, Data Models, Keys.  SQL using ORACLE: Introduction to SQL, Components of SQL: DDL, DML & DCL, Data types in SQL | Oral Presentation |
|  | **01-30 Sept 2017** | DDL Commands: Create, Alter, Drop, Truncate. Creating queries with DDL commands and implementing constraints.  DML Commands: Insert, Delete, Update, Select, Select with Group by and Order by. Creating queries with DML commands. | Test |
|  | **01-31 Oct 2017** | Operators: Set and Logical, SQL functions: Numeric functions, Scalar functions and Group functions.  Computers: An introduction, use of computer in business, advantages and disadvantages, computerized system for inventory control, payroll order, banking and accounting. | Revision with queries |
|  | **01-13 Nov 2017** | Report-Writing: Commands, advantages of Report writing. | Revision with queries |

**Topics of Assignments/ Class Tests to be given to the Students:**

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| **Assignment 1** | Data Models Explanation |
| **Assignment 2** | Computerized system for inventory control, payroll order, banking and accounting. |
| **Class Test** | Traditional file oriented approach, Disadvantages of simple file system, Database approach, Advantages of Database approach, Database Management Systems (DBMS), Components of DBMS Environment, Advantages and Disadvantages of DBMS, DBMS Architecture, Data Independence, Data Models, Keys. |