**GOVT. P.G. COLLEGE FOR WOMEN, PANCHKULA**

**Session 2020-2021 (ODD SEMESTER)**

NAME OF PROFESSOR Reema Gupta

DESIGNATION Assistant Professor

SUBJECT/PAPER BBA-205: Fundamentals of DBMS and ORACLE

CLASS

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| SR. NO. | MONTH | TOPICS TO BE COVERED | REMARKS IF ANY |
| 1. | OCTOBER | Basic Concepts – 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,  | Oral discussion |
| 2. | NOVEMBER | DBMS Architecture, Data Independence, Data Models, Keys.Computers: An introduction, use of computer in business, advantages and disadvantages, computerized system for inventory control, payroll order, banking and accounting. | Assignment-1 |
| 3. | DECEMBER | SQL using ORACLE: Introduction to SQL, Components of SQL: DDL, DML & DCL, Data types in SQL, 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. Operators: Set and Logical, SQL functions: Numeric functions, Scalar functions and Group functions | UNIT TEST |
| 4. |  JANUARY | Report-Writing: Commands, advantages of Report writing.. | Assignment-2 |

**TWO ASSIGNMENTS AND ONE UNIT TEST WILL BE TAKEN AS PER SCHEDULE**.

 Signature of A/Prof .