**Lesson Plan**

**Name of the Assistant Professor**- Ms. Alpa Sharma

**Subject**- Computer Science & Applications

**Lesson Plan**- 19 Weeks (July-Nov 2018)

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| **Week** | **Date** |  **BBA (IIIRD Sem)****Fundamentals of DBMS &ORACLE** |  **PGDCA****Operating System** |
| 1 | 16-July-18 | Traditional file oriented approach |  |
| 17-July-18 | Disadvantages of simple file system |  |
| 18-July-18 | Database approach |  |
| 19-July-18 |  |  |
| 20-July-18 |  |  |
| 21-July-18 |  | Introductory Concepts: Operating system functions and characteristics |
| 22-July-18 | Sunday |
| 2 | 23-July-18 | Advantages of Database approach |  |
| 24-July-18 | Database Management Systems(DBMS), Components of DBMS Environment |  |
| 25-July-18 | Advantages and Disadvantages ofDBMS |  |
| 26-July-18 |  | Introductory Concepts: Operating system functions and characteristics |
| 27-July-18 |  | historical evolution of operating systems |
| 28-July-18 |  | Real time systems |
| 29-July-18 | Sunday |
| 3 | 30-July-18 | DBMS Architecture, |  |
| 31-July-18 | Shaheedi udham singh’s martyrdom day |
| 1-Aug-18 | Data Independence |  |
| 2-Aug-18 |  | Distributed systems |
| 3-Aug-18 |  | O/S services, system calls |
| 4-Aug-18 |  | System programs, CPU Scheduling |
| 5-Aug-18 | Sunday |
| 4 | 6-Aug-18 | Data Models |  |
| 7-Aug-18 | Keys |  |
| 8-Aug-18 | Computers:An introduction, use of computer in business |  |
| 9-Aug-18 |  | Process concept, Process scheduling |
| 10-Aug-18 |  | Process scheduling |
| 11-Aug-18 |  | Process scheduling |
| 12-Aug-18 | Sunday |
| 5 | 13-Aug-18 | Haryali teej |
| 14-Aug-18 | Advantages and disadvantages |  |
| 15-Aug-18 | Independence day |
| 16-Aug-18 |  | Scheduling criteria, Scheduling algorithms |
| 17-Aug-18 |  | Scheduling algorithms |
| 18-Aug-18 |  | Deadlocks: Deadlock characterization |
| 19-Aug-18 | Sunday |
| 6 | 20-Aug-18 | Assignment 1 With viva |  |
| 21-Aug-18 | Assignment 1 With viva |  |
| 22-Aug-18 | Id-ul-zuha(bakrid) |
| 23-Aug-18 |  | Assignment 1 With viva |
| 24-Aug-18 |  | Deadlock prevention and avoidance |
| 25-Aug-18 |  | Deadlock prevention and avoidance |
| 26-Aug-18 | Sunday |
| 7 | 27-Aug-18 | TEST |  |
| 28-Aug-18 | computerized system for inventory control |  |
| 29-Aug-18 | payroll order |  |
| 30-Aug-18 |  | Deadlock detection and recovery. |
| 31-Aug-18 |  | Deadlock detection and recovery. |
| 1-Sep-18 |  | TEST |
| 2-Sep-18 | Sunday |
| 8 | 3-Sep-18 | Janmashtmi |
| 4-Sep-18 | banking and accounting |  |
| 5-Sep-18 | SQL using ORACLE: Introduction to SQL |  |
| 6-Sep-18 |  | Storage Management: Storage allocation methods |
| 7-Sep-18 |  | Storage Management: Single contiguous allocation |
| 8-Sep-18 |  | Multiple contiguous allocation |
| 9-Sep-18 | Sunday |
| 9 | 10-Sep-18 | Components of SQL: DDL, DML & DCL |  |
| 11-Sep-18 | Components of SQL: DDL, DML & DCL |  |
| 12-Sep-18 | Data types in SQL |  |
| 13-Sep-18 |  | REVISION |
| 14-Sep-18 |  | Paging |
| 15-Sep-18 |  | Segmentation |
| 16-Sep-18 | Sunday |
| 10 | 17-Sep-18 | DDL Commands: Create, Alter |  |
| 18-Sep-18 | DDL Commands: Drop, Truncate |  |
| 19-Sep-18 | Creating queries with DDL commands  |  |
| 20-Sep-18 |  | Virtual memory concepts |
| 21-Sep-18 |  | Demand Paging |
| 22-Sep-18 |  | Test |
| 23-Sep-18 | Sunday |
| 11 | 24-Sep-18 | Assignment 2 With viva |  |
| 25-Sep-18 | Assignment 2 With viva |  |
| 26-Sep-18 | Creating queries with DDL commands and implementing constraints |  |
| 27-Sep-18 |  | Page replacement Algorithms |
| 28-Sep-18 |  | Assignment 2 With viva |
| 29-Sep-18 |  | Page replacement Algorithms |
| 30-Sep-18 | Sunday |
| 12 | 1-Oct-18 | DML Commands: Insert |  |
| 2-Oct-18 | Mahatma gandhi’s jayanti |
| 3-Oct-18 | Sessional |  |
| 4-Oct-18 |  | Page replacement Algorithms |
| 5-Oct-18 |  | Sessional |
| 6-Oct-18 |  | Thrashing,File Systems |
| 7-Oct-18 | Sunday |
| 13 | 8-Oct-18 | DML Commands: Delete, Update,select |  |
| 9-Oct-18 | DML Commands: Delete, Update,select |  |
| 10-Oct-18 | Maharaja aggarsen jayanti |
| 11-Oct-18 |  | Doubt class |
| 12-Oct-18 |  | Windows: Features of Windows |
| 13-Oct-18 |  | Presentation |
| 14-Oct-18 | Sunday |
| 14 | 15-Oct-18 | Select with Group by and Order by. |  |
| 16-Oct-18 | Select with Group by and Order by. |  |
| 17-Oct-18 | Creating queries with DML commands. |  |
| 18-Oct-18 | Dussehra |
| 19-Oct-18 |  | Various versions of Windows & its use |
| 20-Oct-18 |  | Paging  |
| 21-Oct-18 | Sunday |
| 15 | 22-Oct-18 | Operators: Set and Logical |  |
| 23-Oct-18 | TEST |  |
| 24-Oct-18 | Maharishi valmiki’s birthday |
| 25-Oct-18 |  | File allocation methods |
| 26-Oct-18 |  | File concept |
| 27-Oct-18 |  | File access |
| 28-Oct-18 | Sunday |
| 16 | 29-Oct-18 | SQL functions: Numeric functions |  |
| 30-Oct-18 | Scalar functions and Group functions |  |
| 31-Oct-18 | Report Writing: Commands, advantages of Report writing |  |
| 1-Nov-18 | Haryana day |
| 2-Nov-18 |  | Revision  |
| 3-Nov-18 |  | File Systems |
| 4-Nov-18 | Sunday |
| 17 | 5-Nov-18 | REVISION |  |
| 6-Nov-18 | Holiday |
| 7-Nov-18 | Diwali |
| 8-Nov-18 | Holiday |
| 9-Nov-18 | Vishavkarma day |
| 10-Nov-18 | Holiday |
| 11-Nov-18 | Sunday |
| 18 | 12-Nov-18 | Holiday |
| 13-Nov-18 | Holiday |
| 14-Nov-18 | REVISION |  |
| 15-Nov-18 |  | Deadlock prevention and avoidance |
| 16-Nov-18 |  | Presentation |
| 17-Nov-18 |  | Doubts |
| 19 | 18-Nov-18 | Sunday |
| 19-Nov-18 |  | REVISION |
| 20-Nov-18 |  | REVISION |
| 21-Nov-18 |  | REVISION |