Subject: Data Base Management System   **Subject Code: SAZ5A**

COURSE PLAN

Session No	Topics to be covered	Teaching Methodology
UNIT - I		
1	Subject Introduction and Syllabus Discussion	BB
2	Advantages of Database Management Systems	BB
3	Components of Database Management Systems	BB
4	Feasibility Study	BB
5	Class Diagrams	BB
6	Data Types & Events	BB
7	Normal Forms	PPT
8	First Normal Form	PPT
9	Second Normal Form	PPT
10	Third and Fourth Normal Form	PPT
11	Boyce Codd Normal Form	GD
12	Integrity and Data Dictionary	Seminar
13	Converting Class Diagrams to Normalized Tables	BB
14	Revision of UNIT I	GD
Unit Test - I		
UNIT - II		
15	Query Basics	PPT
16	Computation Using Queries	PPT
17	Subtotals and GROUP BY Command	PPT
18	Queries with Multiple Table	PPT
19	Subqueries	PPT
20,21,22	Joins	BB, PPT
23	DDL	BB
24	DML	BB

25	Testing Queries	GD
26	Revision of UNIT II	GD
CIA TEST - I		
UNIT - III		
27	Effective Design of Forms and Reports	BB
28	Form Layout	PPT
29	Creating Forms	BB
30	Graphical Objects	BB
31	Reports	Seminar
32	Procedural Languages	BB
33	Data on Forms	BB
34	Programs to Retrieve and Save Data	BB
35	Error Handling	GD
36	Revision of UNIT III	GD
Unit Test - III		
UNIT - IV		
37	Power of Application Structure	BB
38	User Interface Features & Transaction	BB
39	Forms Events and Custom Reports	PPT
40	Distributing Application & Table Operations	BB
41	Data Storage Methods	BB
42	Storing Data Columns	BB
43	Data Clustering and Partitioning	GD
44	Revision of UNIT IV	GD
CIA TEST - II		
UNIT - V		
45	Database Administration	BB
46	Development Stages	BB
47	Application Types	BB

48	Backup and Recovery	PPT
49	Security and Privacy	BB
50	Distributed Databases	GD
51	Client/Server Databases	PPT
52	Web as a Client/Server System	BB
53	Objects – Object Oriented Databases	Seminar
54	Integrated Applications.	PPT
55	Revision of UNIT V	GD
REVISION		
56	Revision of UNIT I	BB
57	Revision of UNIT II	BB
58	Revision of UNIT III	BB
59	Revision of UNIT IV	BB
60	Revision of UNIT V	BB
CIA TEST - III		

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