

M.sc 2nd year Lesson plan-22-23

K.L MEHTA DAYANAND COLLEGE FOR WOMEN, FARIDABAD
LESSON PLAN FOR THE SESSION 2022-23

Name of the professor: Dr.Neha Jain Class And Section: MSc.Previous Subject: Database Management System	
Day 1	Introduction to Database Approach
Day 2	Characteristics of database approach
Day 3	Data models
Day 4	DBMS architecture and data independence
Day 5	E-R Modeling
Day 6	Entity types, Entity set
Day 7	attribute and key
Day 8	Relationships, Relation types
Day 9	Roles and Structural constraints
Day 10	Weak entities, Enhanced ER Model.
Day 11	Database Languages: DDL, DML
Day 12	Database Access for applications Programs
Day 13	Database Users and Administrator
Day 14	Transaction Management, Database system Structure
Day 15	Storage Manager, Query Processor
Day 16	UNIT-II Relational Model: Introduction to the Relational Model
Day 17	Integrity Constraint over Relations
Day 18	Enforcing Integrity constraints
Day 19	Querying relational data
Day 20	Logical data base Design
Day 21	Introduction to views
Day 22	Destroying/altering Tables and Views
Day 23	Relational Algebra
Day 24	Relational Calculus
Day 25	Set operations
Day 26	Selection and projection
Day 27	Selection and projection renaming
Day 28	Joins
Day 29	Division
Day 30	Examples of Algebra overviews
Day 31	Relational calculus: Tuple relational Calculus
Day 32	Domain relational calculus
Day 33	Expressive Power of Algebra and Calculus
Day 34	Expressive Power of Algebra and Calculus
Day 35	Class Test
Day 36	Review of Class Test
Day 37	UNIT-III Schema Refinement
Day 38	Normalization : FIRST, SECOND, THIRD Normal forms
Day 39	BCNF & Fourth Normal Form
Day 40	Functional dependencies
Day 41	Problems Caused by redundancy
Day 42	Problem related to decomposition
Day 43	Decompositions
Day 44	Lossless join Decomposition
Day 45	Dependency preserving Decomposition

Day 46	Schema refinement in Data base Design
Day 47	Multi valued Dependencies,
Day 48	Revision of Unit 3
Day 49	Transaction Management: ACID Properties
Day 50	Transactions and Schedules
Day 51	Concurrent Execution of transaction
Day 52	Serializability and recoverability
Day 53	Introduction to Lock Management
Day 54	Lock Conversions
Day 55	Dealing with Dead Locks
Day 56	Concurrency Control
Day 57	Concurrency without Locking
Day 58	Recovery Techniques
Day 59	Database Security
Day 60	Introduction to Oracle
Day 61	Modules of Oracle
Day 62	Invoking SQLPLUS
Day 63	Data types
Day 64	Data types
Day 65	Data Constraints
Day 66	Operators
Day 67	Operators
Day 68	Data manipulation – Create , Modify
Day 69	Data manipulation - Insert, Delete
Day 70	Update; Searching Matching
Day 71	Oracle Functions
Day 72	SQL* Forms
Day 73	Basic concepts
Day 74	Form Construction
Day 75	Creating default form
Day 76	User-defined form
Day 77	multiple-record form
Day 78	Master-detail form
Day 79	Class Test
Day 80	Shortcomings discussed in the answers for questions on Class Test
Day 81	Revision of Unit 1
Day 82	Revision of Unit 1
Day 83	Revision of Unit 2
Day 84	Revision of Unit 2
Day 85	Revision of Unit 3
Day 86	Revision of Unit 3
Day 87	Revision of Unit 4
Day 88	Revision of Unit 4
Day 89	Shortcomings discussed in the answers for questions on Mock Test
Day 90	Shortcomings discussed in the answers for questions on Mock Test

Name of the professor: Ms. Sandhya Chaudhary
Class And Section: M.Sc(CS) 1ST YEAR
Subject: Computer Fundamental and Programming in c.

Day 1	Computer Fundamentals: Concept of data and information; Components of Computer: Hardware Input Device,
Day 2	Output Device
Day 3	Output Device
Day 4	CPU: Components of CPU; Memory
Day 5	Storage Devices
Day 6	Storage Devices
Day 7	Computer Software: System Software
Day 8	Application Software
Day 9	Application Software
Day 10	Functions of Operating System..
Day 11	Programming Languages: Machine
Day 12	Assembly Language
Day 13	High Level Language
Day 14	4GL; Language Translator; Linker.
Day 15	Loader.
Day 16	Classification of Computers: Micro, Mini, Mainframe, Super computer.
Day 17	Mainframe, Super computer.
Day 18	Advantages of Computer, Limitations of Computer.
Day 19	Advantages of Computer, Limitations of Computer.
Day 20	Range of Applications of Computer
Day 21	Range of Applications of Computer
Day 22	Social concerns of Computer Technology: Positive and Negative Impacts
Day 23	Social concerns of Computer Technology: Positive and Negative Impacts
Day 24	Computer Crimes, Viruses and their remedial solutions
Day 25	Computer Crimes, Viruses and their remedial solutions
Day 26	Computer Crimes, Viruses and their remedial solutions
Day 27	Problem Solving: Problem Identification,
Day 28	Analysis
Day 29	Flowcharts, Decision Tables
Day 30	Flowcharts, Decision Tables
Day 31	Pseudo codes and algorithms, Program Coding
Day 32	Pseudo codes and algorithms, Program Coding
Day 33	Program Testing and Execution.
Day 34	Program Testing and Execution.
Day 35	C Programming Fundamentals: Keywords, Variables and Constants
Day 36	Variables and Constants
Day 37	Structure of a C program. Operators & Expressions: Arithmetic, Unary, Logical, Bit-wise, Assignment & Conditional Operators.
Day 38	Structure of a C program. Operators & Expressions: Arithmetic, Unary, Logical, Bit-wise, Assignment & Conditional Operators.
Day 39	Structure of a C program. Operators & Expressions: Arithmetic, Unary, Logical, Bit-wise, Assignment & Conditional Operators.
Day 40	Library Functions, Control Statements: Looping using while, do...while, for statements .
Day 41	Library Functions, Control Statements: Looping using while, do...while, for statements.
Day 42	Library Functions, Control Statements: Looping using while, do...while, for

	statements.
Day 43	Nested loops; decision making using if...else, Else If Ladder
Day 44	Nested loops; decision making using if...else, Else If Ladder
Day 45	Switch, break, Continue and Goto statements
Day 46	Switch, break, Continue and Goto statements
Day 47	Arrays & Functions: Declaration and Initialization; Multidimensional Arrays.
Day 48	Arrays & Functions: Declaration and Initialization; Multidimensional Arrays.
Day 49	String: Operations of Strings.
Day 50	String: Operations of Strings.
Day 51	Functions: Defining & Accessing User defined functions,
Day 52	Function Prototype, Passing Arguments, Passing array as argument, Recursion
Day 53	Function Prototype, Passing Arguments, Passing array as argument, Recursion
Day 54	Function Prototype, Passing Arguments, Passing array as argument, Recursion
Day 55	Use of Library Functions; Macro vs. Functions. Pointers: Declarations
Day 56	Use of Library Functions; Macro vs. Functions. Pointers: Declarations
Day 57	Operations on Pointers, Passing to a function, Pointers & Arrays, Array of Pointers, Array accessing through pointers, Pointer to functions.
Day 58	Operations on Pointers, Passing to a function, Pointers & Arrays, Array of Pointers, Array accessing through pointers, Pointer to functions.
Day 59	Function returning pointers, Dynamic Memory Allocations.
Day 60	Function returning pointers, Dynamic Memory Allocations.
Day 61	Structures and Union: Defining and Initializing Structure.
Day 62	Structures and Union: Defining and Initializing Structure.
Day 63	Array within Structure, Array of Structure.
Day 64	Array within Structure, Array of Structure.
Day 65	Nesting of Structure, Pointer to Structure.
Day 66	Nesting of Structure, Pointer to Structure.
Day 67	Passing structure and its pointer to Functions.
Day 68	Passing structure and its pointer to Functions.
Day 69	Unions: Introduction to Unions and its Utilities.
Day 70	Unions: Introduction to Unions and its Utilities.
Day 71	Files Handling: Opening and closing file in C; Create, Read and Write data to a file;
Day 72	Files Handling: Opening and closing file in C; Create, Read and Write data to a file;
Day 73	Files Handling: Opening and closing file in C; Create, Read and Write data to a file;
Day 74	Modes of Files, Operations on file using C Library Functions;
Day 75	Modes of Files, Operations on file using C Library Functions;
Day 76	Modes of Files, Operations on file using C Library Functions;
Day 77	Working with Command Line Arguments.
Day 78	Working with Command Line Arguments.
Day 79	Working with Command Line Arguments.
Day 80	Program Debugging and types of errors
Day 81	Program Debugging and types of errors
Day 82	Program Debugging and types of errors
Day 83	pointer to Functions
Day 84	pointer to Functions
Day 85	Recursion
Day 86	Recursion
Day 87	Multidimensional Arrays.
Day 88	Multidimensional Arrays.
Day 89	Structures
Day 90	Structures

Name of the professor:- MS. NEETU
Class And Section:- M.Sc(CS)-IST YEAR
Subject: COMPUTER ORGANISATION AND ARCHITECTURE
PAPER CODE: 16MCS21C4

Day 1	Number Systems: Binary, Octal and Hexadecimal.
Day 2	Integer and Floating-point representation
Day 3	Character codes: ASCII and EBCDIC
Day 4	Boolean Algebra and Logic Gates: OR, AND, NOT, XOR Gates
Day 5	Boolean Algebra and Logic Gates: OR, AND, NOT, XOR Gates
Day 6	De Morgan's theorem; Universal building blocks
Day 7	De Morgan's theorem; Universal building blocks
Day 8	Simplifying logic circuits : sum of product and product of sum form
Day 9	Simplifying logic circuits : sum of product and product of sum form
Day 10	Simplifying logic circuits : sum of product and product of sum form
Day 11	Simplifying logic circuits : sum of product and product of sum form
Day 12	Karnaugh Map simplification
Day 13	Karnaugh Map simplification
Day 14	Karnaugh Map simplification
Day 15	Karnaugh Map simplification
Day 16	Combinational logic blocks (Adders, Multiplexers, Encoders, Decoder)
Day 17	Combinational logic blocks (Adders, Multiplexers, Encoders, Decoder)
Day 18	Combinational logic blocks (Adders, Multiplexers, Encoders, Decoder)
Day 19	Combinational logic blocks (Adders, Multiplexers, Encoders, Decoder)
Day 20	Sequential logic blocks (Latches, Flip-Flops, Registers, Counters)
Day 21	Sequential logic blocks (Latches, Flip-Flops, Registers, Counters)
Day 22	Sequential logic blocks (Latches, Flip-Flops, Registers, Counters)
Day 23	Sequential logic blocks (Latches, Flip-Flops, Registers, Counters)
Day 24	Sequential logic blocks (Latches, Flip-Flops, Registers, Counters)
Day 25	Register Transfer Language; Bus and memory Transfer; Micro operations: Arithmetic, Logic & Shift Micro operations.
Day 26	Instructions Codes
Day 27	Instructions Codes
Day 28	Register reference
Day 29	Register reference
Day 30	Memory Reference & Input-Output instructions
Day 31	Memory Reference & Input-Output instructions
Day 32	Memory Reference & Input-Output instructions
Day 33	Memory Reference & Input-Output instructions
Day 34	Instruction Cycle
Day 35	Instruction Cycle
Day 36	Timing and Control, Interrupts
Day 37	Timing and Control, Interrupts
Day 38	Timing and Control, Interrupts
Day 39	Design of Control unit
Day 40	Design of Control unit
Day 41	Design of Control unit
Day 42	Hardwired control unit
Day 43	Hardwired control unit
Day 44	Hardwired control unit
Day 45	Micro-programmed control unit.
Day 46	Micro-programmed control unit.
Day 47	Memory Hierarchy

Day 48	Memory Hierarchy
Day 49	Main Memory
Day 50	Main Memory
Day 51	Auxiliary Memory
Day 52	Auxiliary Memory
Day 53	Cache Memory
Day 54	Cache Memory
Day 55	Virtual Memory
Day 56	General Register Organization
Day 57	Stack Organization, Instruction Formats
Day 58	Stack Organization, Instruction Formats
Day 59	Addressing Modes; Data Transfer & Manipulation Instructions
Day 60	Addressing Modes; Data Transfer & Manipulation Instructions
Day 61	CISC and RISC: Features and Comparison
Day 62	CISC and RISC: Features and Comparison
Day 63	Pipeline and Vector Processing
Day 64	Pipeline and Vector Processing
Day 65	Parallel processing, Pipelining, Arithmetic Pipeline
Day 66	Parallel processing, Pipelining, Arithmetic Pipeline
Day 67	Instruction pipeline and Arrays Processors
Day 68	Instruction pipeline and Arrays Processors
Day 69	Peripheral Devices
Day 70	Peripheral Devices
Day 71	Input-Output interface
Day 72	Input-Output interface
Day 73	Asynchronous Data Transfer
Day 74	Asynchronous Data Transfer
Day 75	Modes of transfer, characteristics of multi-processors
Day 76	Modes of transfer
Day 77	Priority interrupt
Day 78	Direct Memory Access (DMA)
Day 79	Direct Memory Access (DMA)
Day 80	input-output processors (IOP)
Day 81	input-output processors (IOP)
Day 82	Serial communication. Multi-processors
Day 83	Serial communication. Multi-processors
Day 84	Serial communication. Multi-processors
Day 85	Multi-processors, characteristics of multi-processors
Day 86	Multi-processors, characteristics of multi-processors
Day 87	Interconnection structures, Inter-processor Arbitration
Day 88	Interconnection structures, Inter-processor Arbitration
Day 89	Inter-processor Communication and Synchronization, Cache Coherence
Day 90	Inter-processor Communication and Synchronization, Cache Coherence

Name of the professor: Ms. Gurpreet Kaur
Class and Section: M.Sc.- Ist Year
Subject: Discrete Mathematics

Day 1	Sets: Sets
Day 2	Sets: Sets
Day 3	Subsets, Equal Sets Universal Sets
Day 4	Subsets, Equal Sets Universal Sets
Day 5	Finite and Infinite Sets
Day 6	Finite and Infinite Sets
Day 7	Operation on Sets
Day 8	Operation on Sets
Day 9	Doubt Class
Day 10	Revision Test
Day 11	Union
Day 12	Intersection
Day 13	Complements of Sets
Day 14	Cartesian Product
Day 15	Cartesian Product
Day 16	Cardinality of Set
Day 17	Simple Applications
Day 18	Simple Applications
Day 19	Relations and functions
Day 20	Relations and functions
Day 21	Properties of Relations
Day 22	Properties of Relations
Day 23	Doubt Class
Day 24	Revision Test
Day 25	Equivalence Relation
Day 26	Equivalence Relation
Day 27	Partial Order Relation
Day 28	Partial Order Relation
Day 29	Function: Domain and Range
Day 30	Function: Domain and Range
Day 31	Onto, Into and One to One Functions
Day 32	Onto, Into and One to One Functions
Day 33	Onto, Into and One to One Functions
Day 34	Composite and Inverse Functions.
Day 35	Composite and Inverse Functions.
Day 36	Composite and Inverse Functions.
Day 37	Doubt Class
Day 38	Revision Test
Day 39	Propositional Logic: Proposition logic
Day 40	basic logic
Day 41	Logical Connectives
Day 42	truth tables, tautologies
Day 43	truth tables, tautologies
Day 44	contradiction
Day 45	Logical implication, Logical equivalence
Day 46	Logical implication, Logical equivalence
Day 47	Doubt Class
Day 48	Revision Test

Day 49	Normal forms, Theory of Inference and deduction
Day 50	Normal forms, Theory of Inference and deduction
Day 51	Predicate Calculus: Predicates and quantifiers.
Day 52	Predicate Calculus: Predicates and quantifiers.
Day 53	Mathematical Induction.
Day 54	Mathematical Induction.
Day 55	Matrices: Definition
Day 56	Types of Matrices, Addition
Day 57	Types of Matrices, Addition
Day 58	Subtraction, Scalar Multiplication and Multiplication of Matrices
Day 59	Subtraction, Scalar Multiplication and Multiplication of Matrices
Day 60	Adjoint and Inverse of a matrix. Determinants
Day 61	Adjoint and Inverse of a matrix. Determinants
Day 62	Adjoint and Inverse of a matrix. Determinants
Day 63	Definition, Minors
Day 64	Definition, Minors
Day 65	Cofactors
Day 66	Cofactors
Day 67	Properties of Determinants
Day 68	Applications of determinants in finding area of triangle
Day 69	Applications of determinants in finding area of triangle
Day 70	Solving a system of linear equations
Day 71	Solving a system of linear equations
Day 72	Doubt Class
Day 73	Revision Test
Day 74	Introduction to defining language, Kleene Closure
Day 75	Arithmetic expressions
Day 76	Chomsky Hierarchy
Day 77	Chomsky Hierarchy
Day 78	Regular expressions
Day 79	Conversion of regular expression to Finite Automata
Day 80	NFA, DFA
Day 81	NFA, DFA
Day 82	Conversion of NFA to DFA
Day 83	Conversion of NFA to DFA
Day 84	FA with output: Moore machine, Mealy machine.
Day 85	FA with output: Moore machine, Mealy machine.
Day 86	Doubt Class
Day 87	Revision Test
Day 88	Discussion of Previous Year Question Paper
Day 89	Discussion of Previous Year Question Paper
Day 90	Discussion of Previous Year Question Paper

Name of the professor: Ms. Sandhya Chaudhary	
Class And Section: M.sc(cs) final year	
Subject: Operating System and Unix	
Day 1	Operating systems overview: Operating systems as an extended machine & resource manager,
Day 2	Operating systems classification.
Day 3	Operating systems classification.
Day 4	Operating systems and system calls; Operating systems architecture.
Day 5	Operating systems and system calls; Operating systems architecture.
Day 6	Process Management functions: Process model, hierarchies,
Day 7	Process Management functions: Process model, hierarchies,
Day 8	Implementation.
Day 9	process states and transitions
Day 10	process states and transitions
Day 11	multi-programming, multi-tasking, multi-threading;
Day 12	multi-programming, multi-tasking, multi-threading;
Day 13	level of schedulers and scheduling algorithms
Day 14	level of schedulers and scheduling algorithms
Day 15	level of schedulers and scheduling algorithms
Day 16	Memory Management and Virtual Memory : Logical versus Physical Address Space,
Day 17	Memory Management and Virtual Memory : Logical versus Physical Address Space
Day 18	Swapping, Contiguous Allocation,
Day 19	Swapping, Contiguous Allocation,
Day 20	Paging, Segmentation, Segmentation with Paging,
Day 21	Paging, Segmentation, Segmentation with Paging,
Day 22	Demand Paging,Performance of Demanding Paging
Day 23	Demand Paging,Performance of Demanding Paging
Day 24	Page Replacement
Day 25	Page Replacement Algorithm,
Day 26	Page Replacement Algorithm,
Day 27	Allocation of Frames, Thrashing.
Day 28	Allocation of Frames, Thrashing.
Day 29	Allocation of Frames, Thrashing.
Day 30	Device Management functions: I/O devices and controllers
Day 31	Device Management functions: I/O devices and controllers
Day 32	interrupt handlers, Types of I/O
Day 33	interrupt handlers, Types of I/O
Day 34	Software: Device independent I/O software.
Day 35	Software: Device independent I/O software.
Day 36	User-space I/O software, Terminal I/O software
Day 37	User-space I/O software, Terminal I/O software
Day 38	Disk scheduling.
Day 39	Disk scheduling.
Day 40	File management functions: file naming, structure,
Day 41	File management functions: file naming, structure,
Day 42	types, access mechanisms, attributes and operations;
Day 43	types, access mechanisms, attributes and operations;
Day 44	directory structures and directory operations; file space allocations; file sharing,
Day 45	directory structures and directory operations; file space allocations; file sharing,
Day 46	file locking; symbolic links; file protection and security

Day 47	file locking; symbolic links; file protection and security
Day 48	distributed file systems.
Day 49	distributed file systems.
Day 50	Concurrent programming: sequential and concurrent process;
Day 51	Concurrent programming: sequential and concurrent process;
Day 52	precedence graph, Bernstein's condition;
Day 53	precedence graph, Bernstein's condition;
Day 54	time dependency and critical code section,
Day 55	time dependency and critical code section,
Day 56	mutual exclusion problem;
Day 57	mutual exclusion problem;
Day 58	classical process co-ordination problems
Day 59	classical process co-ordination problems
Day 60	deadlock handling, inter-process communication.
Day 61	deadlock handling, inter-process communication.
Day 62	Unix Operating System: Overview of
Day 63	UNIX OS in general and implementation of all above
Day 64	UNIX OS in general and implementation of all above
Day 65	UNIX OS in general and implementation of all above
Day 66	functions in Unix Operating System
Day 67	functions in Unix Operating System
Day 68	functions in Unix Operating System
Day 69	file space allocations
Day 70	file space allocations
Day 71	structure
Day 72	structure
Day 73	Process model
Day 74	Process model
Day 75	file locking
Day 76	file locking
Day 77	multi-programming
Day 78	multi-programming
Day 79	Thrashing.
Day 80	Thrashing.
Day 81	interrupt handlers
Day 82	interrupt handlers
Day 83	interrupt handlers
Day 84	Process model
Day 85	Process model
Day 86	critical code section
Day 87	critical code section
Day 88	critical code section
Day 89	User-space I/O software
Day 90	User-space I/O software

Name of the professor:- MS. NEETU
Class And Section:M.S.c(CS)FINAL YEAR
Subject:- MANAGEMENT INFORMATION SYSTEM (PAPER CODE- 17MCS23DB1)

Day 1	Concepts, framework for understanding and designing MIS in an Organization.
Day 2	Concepts, framework for understanding and designing MIS in an Organization.
Day 3	Concepts, framework for understanding and designing MIS in an Organization.
Day 4	Organization and Information Systems
Day 5	Organization and Information Systems
Day 6	The Organization: Structure
Day 7	The Organization: Structure
Day 8	Managers and activities
Day 9	Managers and activities
Day 10	Data, information and its attributes
Day 11	Data, information and its attributes
Day 12	Data, information and its attributes
Day 13	The level of people and their information needs
Day 14	The level of people and their information needs
Day 15	The level of people and their information needs
Day 16	Types of Decisions and information
Day 17	Types of Decisions and information
Day 18	Types of Decisions and information
Day 19	Information System
Day 20	Information System
Day 21	categorization of information on the basis of nature and characteristics
Day 22	categorization of information on the basis of nature and characteristics
Day 23	categorization of information on the basis of nature and characteristics
Day 24	Transaction Processing System (TPS)
Day 25	Transaction Processing System (TPS)
Day 26	Transaction Processing System (TPS)
Day 27	Office Automation System (OAS)
Day 28	Office Automation System (OAS)
Day 29	Office Automation System (OAS)
Day 30	Management Information System (MIS)
Day 31	Management Information System (MIS)
Day 32	Management Information System (MIS)
Day 33	Decision Support System (DSS)
Day 34	Decision Support System (DSS)
Day 35	Decision Support System (DSS)
Day 36	Group Decision Support System (GDSS)
Day 37	Group Decision Support System (GDSS)
Day 38	Group Decision Support System (GDSS)
Day 39	Expert System (ES)
Day 40	Expert System (ES)
Day 41	Expert System (ES)
Day 42	Executive Support System (EIS or ESS).
Day 43	Executive Support System (EIS or ESS).
Day 44	Executive Support System (EIS or ESS).
Day 45	Information systems for Accounting, Finance, Production and Manufacturing, Marketing and HRM functions - IS in hospital
Day 46	Information systems for Accounting, Finance, Production and Manufacturing, Marketing and HRM functions - IS in hospital
Day 47	Information systems for Accounting, Finance, Production and Manufacturing,

	Marketing and HRM functions - IS in hospital
Day 48	Information systems for Accounting, Finance, Production and Manufacturing, Marketing and HRM functions - IS in hospital
Day 49	Information systems for Accounting, Finance, Production and Manufacturing, Marketing and HRM functions - IS in hospital
Day 50	Information systems for Accounting, Finance, Production and Manufacturing, Marketing and HRM functions –IS in hotel
Day 51	Information systems for Accounting, Finance, Production and Manufacturing, Marketing and HRM functions -IS in hotel
Day 52	Information systems for Accounting, Finance, Production and Manufacturing, Marketing and HRM functions - IS in hotel
Day 53	Information systems for Accounting, Finance, Production and Manufacturing, Marketing and HRM functions - IS in hotel
Day 54	Information systems for Accounting, Finance, Production and Manufacturing, Marketing and HRM functions - IS in hotel
Day 55	Information systems for Accounting, Finance, Production and Manufacturing, Marketing and HRM functions - IS in bank
Day 56	Information systems for Accounting, Finance, Production and Manufacturing, Marketing and HRM functions - IS in bank
Day 57	Information systems for Accounting, Finance, Production and Manufacturing, Marketing and HRM functions - IS in bank
Day 58	Information systems for Accounting, Finance, Production and Manufacturing, Marketing and HRM functions - IS in bank
Day 59	Enterprise System
Day 60	Enterprise Resources Planning (ERP)
Day 61	Enterprise Resources Planning (ERP)
Day 62	Enterprise Resources Planning (ERP)
Day 63	Enterprise Resources Planning (ERP)
Day 64	Features, selection criteria
Day 65	Features, selection criteria
Day 66	merits, issues and challenges in Implementation
Day 67	merits, issues and challenges in Implementation
Day 68	Supply Chain Management (SCM)
Day 69	Supply Chain Management (SCM)
Day 70	Features, Modules in SCM
Day 71	Features, Modules in SCM
Day 72	Customer Relationship Management (CRM): Phases
Day 73	Customer Relationship Management (CRM): Phases
Day 74	Customer Relationship Management (CRM): Phases
Day 75	Nature of IT decision; Strategic decision
Day 76	Configuration design and evaluation Information technology implementation plan.
Day 77	Security and Ethical Challenges
Day 78	Security and Ethical Challenges
Day 79	Ethical responsibilities of Business Professionals – Business, technology
Day 80	Ethical responsibilities of Business Professionals – Business, technology
Day 81	Computer crime – Hacking, cyber theft, unauthorized use at work
Day 82	Computer crime – Hacking, cyber theft, unauthorized use at work
Day 83	Computer crime – Hacking, cyber theft, unauthorized use at work
Day 84	Piracy – software and intellectual property
Day 85	Piracy – software and intellectual property
Day 86	Privacy – Issues and the Internet Privacy. Challenges – working condition, individuals
Day 87	Privacy – Issues and the Internet Privacy. Challenges – working condition,

	individuals
Day 88	Health and Social Issues
Day 89	Health and Social Issues
Day 90	Ergonomics and cyber terrorism.

K.L MEHTA DAYANAND COLLEGE FOR WOMEN, FARIDABAD
LESSON PLAN FOR THE SESSION 2022-23

Name of the professor: Ms. Poonam	
Class And Section: M.Sc (CS), Final Year	
Subject:17MCS23DA3 ,Computer Graphics	
Day 1	Overview of Computer Graphics
Day 2	Computer Graphics and Its Types
Day 3	Computer Graphics and Its Types
Day 4	Applications of Computer Graphics
Day 5	Applications of Computer Graphics
Day 6	Graphics Display Devices
Day 7	CRT (Random-Scan and Raster Scan Monitor)
Day 8	CRT (Random-Scan and Raster Scan Monitor)
Day 9	Color CRT Monitors
Day 10	Color CRT Monitors and its type
Day 11	Refresh CRT and Interlacing
Day 12	Refresh CRT and Interlacing
Day 13	DVST
Day 14	DVST
Day 15	Emissive and Non- Emissive Display devices
Day 16	Emissive and Non- Emissive Display devices
Day 17	Hard copy devices
Day 18	Hard copy devices
Day 19	Hard copy devices
Day 20	Graphics Software Standards.
Day 21	Doubt
Day 22	Assignment
Day 23	Scan Conversion:
Day 24	Scan Converting a Point
Day 25	Scan Converting a Line
Day 26	Scan Converting a Line: Slope Method
Day 27	DDA Algorithm
Day 28	DDA Numerical
Day 29	Bresenham's Algorithm
Day 30	Bresenham's Algorithm implementation
Day 31	Doubt
Day 32	Anti- aliasing
Day 33	2-D Graphics Transformations
Day 34	Translation
Day 35	Rotations
Day 36	Scaling
Day 37	Reflection

Day 38	Shearing
Day 39	Homogeneous coordinates
Day 40	Need
Day 41	Transformations in Homogeneous Coordinates
Day 42	Composite Transformation
Day 43	Doubt
Day 44	Test
Day 45	Polygon Filling
Day 46	Scan-Line Polygon Fill Algorithm
Day 47	Scan-Line Polygon Fill Algorithm
Day 48	Inside-Outside tests
Day 49	Boundary-Fill Algorithm
Day 50	Flood Fill Algorithm
Day 51	Cell Array
Day 52	Character Generation. Two-Dimensional Viewing
Day 53	The Viewing Pipeline
Day 54	Window to View port coordinate transformation
Day 55	Window to View port coordinate transformation
Day 56	Clipping Operations
Day 57	Point Clipping
Day 58	Line Clipping
Day 59	Polygon Clipping
Day 60	Doubt
Day 61	convex and concave polygons
Day 62	Text Clipping
Day 63	Text Clipping
Day 64	Exterior Clipping.
Day 65	Exterior Clipping.
Day 66	Doubt
Day 67	Test
Day 68	Interactive Picture Construction Techniques
Day 69	Interactive Picture Construction Techniques
Day 70	Basic Positioning Method
Day 71	Constraints
Day 72	Grids
Day 73	Gravity field
Day 74	Rubber Band Methods
Day 75	Dragging, Painting and Drawing
Day 76	Three-Dimensional Concepts
Day 77	Three Dimensional Display Methods
Day 78	Parallel Projection and Perspective Projection
Day 79	Parallel Projection and Perspective Projection
Day 80	3D Transformations
Day 81	Translation
Day 82	Rotation
Day 83	Scaling
Day 84	Applications of 3D graphics
Day 85	Doubt
Day 86	Full Syllabus Test
Day 87	Revise Previous Year Question papers
Day 88	Revise Previous Year Question papers
Day 89	Revise Previous Year Question papers
Day 90	Revise Previous Year Question papers

