

**Teaching Plan
Academic Year 2015-16**

Class : BCA
Subject : Business law
Periods per week : Th: 4 Practical :
Weeks(Total) : 15

Semester: III
Paper No: XIV
Test (Date): _____
Tutorials (Date): _____

Week	Topic To Be Covered
1	Law of contract : definition and nature of contract , Offer of contract Acceptance of contract
2	Consideration and capacity of parties , Free consent , object Consideration , Contingent contracts , Performance of contract
3	Discharge of contract , Quasi contract , Remedies for breach of contract
4	Identity and guarantee , Bailment and pledge , Agency
5	Law of partnership – definition , Nature of partnership , Relations of partners interest
6	Relations of partners to third parties , Incoming partners , Outgoing partners
7	Dissolution of firm , registration of firms
8	Contract of sale of goods , conditions and warranties
9	Transfer of ownership , performance of the contract , remedial measures
10	Auction sale , hire purchase
11	Shop and establishment act , nature of act , rules lay down in the act
12	Registration and establishment act , procedure and documents for registration
13	Maintenance of registers , records and annual report
14	Revision
15	Test

Teacher's Signature

H.O.D.'s Signature

Teaching Plan
Academic Year 2015-2016

Class : **BCA** **Semester: III**
Subject : **OOPS Using C++** **Paper No:**
Periods per week : **Th. 2 Practical 4** **Test Date:**
Weeks (Total) : **15** **Tutorial Date :**

Week	Topic to be Covered
1	Basic concepts and principles of Object Oriented Programming
2	Basic concepts, Object Oriented Languages
3	Application of Object Oriented Programming, Introduction to C++
4	Tokens, Expression & Control Structure.
5	Control Structure.
6	Function in C++
7	Constructors & Destructors
8	Operator s Overloading & Type Conversion
9	Inheritance
10	Pointers, Virtual Function & Polymorphism.
11	File handling
12	
13	
14	
15	

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Teaching Plan
Academic Year 2014-2015

Class : BCA **Semester:** IVst Sem
Subject : Java programming **Paper No:** XXII
Periods per week : Th_3_ Practical: _3_ **Test (Date):** _____
Weeks (Total) : 15 **Tutorial (Date):** _____

Week	Topic to be Covered
1	Introduction of Java .
	Introduction of History.
	Features of java.
2	Difference of java , C & C++.
	Java support system.
	Java Environment.
3	Overview of java program .
	Structure of Java program.
	Implementation of java program
4	Execution of java program.
	Introduction of Java tokens.
	Introduction of Java statements.
5	Java Virtual Machine.
	Command line Arguments.
	Examples of command line argument.

6	Introduction of Constants.
	Examples of constants.
	Declaration of constant.
7	Introduction data types.
	Introduction of Variables.
	Examples of variables.
8	Declaration variables.
	Types of Operators.
	Examples of Operators.
9	Types of Expressions.
	Declaration Expressions.
	Examples of data types.
10	Introduction of Branching in java.
	Declaration of Branching.
	Examples of Branching.
11	Introduction of looping in java.
	Declaration of looping.
	Examples of looping.
12	Introduction of classes.
	Declaration and example of classes.

	Introduction of objects.
13	Declaration and example of objects.
	Introduction of methods.
	Declaration and example of methods.
14	Introduction of arrays in java.
	Types of arrays.
	Declaration and example of arrays.
15	Revision

Teacher's Signature
(Mrs.Ruheena Quadri)

H.O.D.'s Signature
(Dr. S. Javed Kabeer)

Teaching Plan

Academic Year 2015-2016

Class : B.C.A **Semester:** III Sem
Subject : DBMS using FoxPro **Paper No:** XVIII
Periods per week : Th_02 Practical: _____ **Test (Date):** _____
Weeks (Total) : 15 **Tutorials (Date):** _____

Week	Topic to be Covered
1	Introduction of DBMS, Database Features, database operation
2	Types of database , data types , managing database
3	Introduction of FOXPRO ,FOXPRO commands CREATE,APPEND,EDIT,BROUSE, RECAL....etc.
4	FOXPRO commands PACK, FIND LOCATE, REPLACE, DELETE, LIST, SORT, INDEX..etc.
5	Report and Labels generation.
6	Introduction of FOXPRO programming, structure of program with example.
7	Creating program files and control
8	Looping and Structure with example
9	SKIP, INPUT, ACCEPT with example.
10	SET, DO WHILE , END DO with example
11	IF –END IF, FOR END FOR with example
12	DO CASE-END,CASE ,TEXT, END TEXT with example
13	Revision

14	Revision
15	Test

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Teaching Plan

Academic Year 2015-16

Class : BCA

Semester: III SEM

Subject : Data structure and algorithm

Paper No: XIX

Periods per week : Th: 4

Practical

Test (Date):_____

Weeks (Total) : 15

Tutorials (Date):_____

Week	Topic To Be Covered
1	Introduction to syllabus
	Data types , data field , data structure its types
	Algorithm concepts , features
	Characteristics of algorithm
2	Arrays , representation of array
	Operations of array
	Traversing , Insertio
	Deletio
3	Sorting concept
	Bubble sort
	Searching concept
	Linear search , binary search
4	2 D array , representation , linked list
	Types of linked list
	Operations , traversing
	Insertio in singly linked list
5	Deletion from singly linked list
	Traversing doubly linked list
	Insertio in doubly linked list
	Deletion from doubly linked list
6	Stack concept
	Representation of stack
	Operations
	Insertio (PUSH) , Deletio (POP)
7	Arithmetic expression
	Conversion of Arithmetic expression
	Conversion of Arithmetic expression

	Evaluatio of postfix expression
8	Queue concept
	Representation of queue
	Operations of queue
	Insertio and Deletio
9	Trees concept
	Binary tree
	Representation of binary tree using array
	Representation of binary tree using linked list
10	Tree traversal methods
	In-order
	Pre-order
	Post-order
11	Graph concept
	Representation of graph
	Types of graph
	Undirected and directed graph
12	Traversing graph methods
	Depth first search
	Depth first search
	Breadth first search
13	Breadth first search
	Revision
14	Revision
15	TEST & TUTORIAL

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Teaching Plan

Academic Year 2015-16

Class : B.C.A **Semester:** III Sem
Subject : E-Business Essentials **Paper No:** XIII
Periods per week : Th_04 **Test (Date):** _____
Weeks (Total) : 15 **Tutorial (Date):** _____

Week	Topic to be Covered
1	Introduction , definition of electronic commerce , And E - business
2	History of electronic commerce , electronic forces
3	Management and E - business
4	Implication of various forces
5	Information of super highway
6	Types of electronic commerce
7	Internet and www concepts
8	Different technologies used in E - business
9	Different web browser
10	Internet access providers
11	Online transaction
12	Online shopping and banking
13	Seminars
14	Revision
15	Revision and Test

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Teaching Plan
Academic Year 2015-2016

Class : B.C.A	Semester: III Sem
Subject : POM II	Paper No: XV
Periods per week : Th_04	Test (Date): _____
Weeks (Total) : 15	Tutorials (Date): _____

Week	Topic to be Covered
1	Communication : meanings , definitions , nature , Scope process
2	Importance , barriers , types , essentials , good communication systems
3	Factors responsible for growing importance of communication , modern channels of communication
4	Motivation : concept , meanings , nature / feature , type
5	Importance of motivation, types of motivation, Maslow's theory, theory x
6	Theory y, z – theory, difference between all theories Other theories
7	Morale : meanings, definition, factors effecting employee morale, difference between motivation and morale
8	Groups : concepts , meanings , definitions , characteristics of group , theories of group formation , reasons of group formation
9	Types of group , stages in GD , group behavior , group cohesiveness , group norms , organizational change and causes of change
10	Causes of resistance to change , management of change , organizational development , its features
11	Process of organizational development , techniques of organizational development , current management thoughts , contingency approach
12	Systems approach and contingency approach difference , managerial role approach , mckinsey's – 7s approach , benchmarking
13	Types of benchmarking, advantages of benchmarking, BPR features, BPR objectives
14	TQM, Demings 14 principles
15	Tests and revision

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