

- ④ What is an array? Explain how to create an array?
⑤ Discuss in detail about Math Object.

UNIT-IV.

- ① List Out Various Event handlers.
- ② Explain about onError and onFocus.
- ③ Explain OnLoad and onMouseDown
- ④ Explain about OnMove and OnReset.
- ⑤ Explain OnAbort and OnClick.

UNIT-VI.

- ① Distinguish between XML and HTML
- ② Give brief introduction on XML and features of XML
- ③ Define XML Schema. Explain how to create XML Schema.
- ④ Explain XML style sheet with Syntax
- ⑤ Explain XML DOM.
- ⑥ Explain XML query language

B.Com (IIIrd year)
Web Technologies

UNIT-I.

- ① Explain HyperText? Explain about HTML
- ② Define List and Explain Various types of lists
- ③ What are frames and forms in HTML? Explain with example
- ④ Explain how a basic table is created using HTML
- ⑤ Explain tag in HTML?

UNIT-II.

- ① Explain concept of DHTML?
- ② What is CSS? Explain the types of CSS
- ③ Explain different filters and attributes in DHTML
- ④ Explain changing attributes with example.
- ⑤ Explain Dynamic changes to text, style and graphics.

UNIT-III.

- ① Explain detail about javascript
- ② Define datatype. Explain various datatypes in javascript
- ③ Explain types of operator in javascript.

B.Sc-II Year
(Data Structure)

UNIT-I

- ① Define algorithm? Give the steps for Algorithm Development
- ② Explain in detail about how an algorithm can be represented as Pseudocode
- ③ Discuss about One dimensional Arrays
- ④ Define Stack. Give a brief introduction on Stack
- ⑤ Write in brief about stack ADT
- ⑥ Explain how postfix Evaluation is done.

UNIT-II

- ① what is recursion Explain with Example? Adv/Dis Adv
- ② what is queue? Explain primitive Operations on Queue.
- ③ Define a linked list. List the operations possible on a linked list and also Adv/Dis-Adv
- ④ Discuss how linked list is represented by using array.
- ⑤ Explain the concept of linked list ADT and data structure of a node.

BSC-II .(Data Structure)

UNIT-II.

- ① Explain various ways of representing trees
- ② Explain in detail about Binary Tree ADT
- ③ Explain in detail the application of binary trees
- ④ Write short notes on
 - (a) Adjacency Matrix
 - (b) Adjacency list
 - (c) Adjacency multi lists
- ⑤ Write brief about Spanning and Minimum Spanning tree
- ⑥ Explain about hashing.

UNIT-IV.

- ① Write the algorithm, time complexity for bubble sort and explain with an example.
- ② Write about Selection Sort, Merge Sort, quick Sort, heap Sort with Example.

B.com (Ith year)

Programming with C .

UNIT-I.

- ① History of 'C' language
- ② Explain structure of 'C'
- ③ Explain Datatypes
- ④ Explain keywords & Variables
- ⑤ Storage classes
- ⑥ Explain Formatted I/O operators

UNIT-II.

- ① Explain any five operators
- ② Explain Decision Making (or) Select statements
- ③ Explain about loops in 'C'.

UNIT-III.

- ① Define Array? Explain One dimensional and two dimensional Array
- ② Explain Array initialization
- ③ Define String? Explain String handling functions
- ④ Explain Reading and writing a string

UNIT-I

(B.Com IInd yr)

- ① Define function? Explain Built-in-functions
- ② Explain Need for User define function
- ③ Explain Recursive function

UNIT-II

- ① Define pointer? Declaration of pointer with program
- ② Define Structure? Declaration of Structure with program
- ③ Define Union? Declaration of Union with program
- ④ Define enumerated datatype? With simple program
- ⑤ Explain Structure Vs Array

B.Sc Ist year

Programming in C

UNIT-I.

- ① Explain Memory Hierarchy
- ② Explain classification of computers
- ③ Structure of C
- ④ Data types, Variables and Type Conversion.
- ⑤ Explain keywords.

UNIT-II.

- ① Explain Formatted and non Formatted I/O functions
- ② Explain control (or) Select statements
- ③ Explain loop statements
- ④ Define Array? Explain One and two dimensional array
- ⑤ Define string? Explain string handling functions.

UNIT-III.

- ① Define Function? Explain call by value vs call by Reference.
- ② Explain Storage classes and Recursion in 'C'

- ④ Explain pointers and write simple program on pointers
- ⑤ Explain pointer to pointer

UNIT-IV.

- ① Explain Structure? write simple program on Structure.
- ② Explain Union? write simple program on Union
- ③ Explain Enumeration type? write program on it
- ④ Explain Structure vs Union
- ⑤ Define File and Explain working with Text files
- ⑥ Explain Random Access to files of Records.