



TAMIL NADU OPEN UNIVERSITY

Chennai - 15

School of Computer Science

HOME / SPOT ASSIGNMENT

Programme Code No : 171
Programme Name : Bachelor of Computer Applications
Course Code & Name : BCA – 01 & Computer Fundamentals & PC Software
Batch : AY 2019-20 (1st Year)
No.of Assignment : One Assignment for Each 2 Credits
Maximum CIA marks : 25 (Average of Total No. of Assignments)

ASSIGNMENT – 1

Max : 25 marks

Answer any one of the question not exceeding 1000 words

1. Describe the application software and system software.
2. Explain with example different types of page formatting.
3. Explain about the computer service and computer security

ASSIGNMENT - 2

Max : 25 marks

Answer any one of the question not exceeding 1000 words

1. Discuss about the parallel processing and vector processing.
2. Explain in detail element of communication hardware.
3. Discuss the disk drive utilities.

ASSIGNMENT – 3

Max : 25 marks

Answer any one of the question not exceeding 1000 words

1. What is meant by Multiprogramming? Explain in detail.
2. Explain various types of computers in detail.
3. Elaborate mail merge concept in detail.



TAMIL NADU OPEN UNIVERSITY

Chennai - 15

School of Computer Science

HOME / SPOT ASSIGNMENT

Programme Code No : 171
Programme Name : Bachelor of Computer Applications
Course Code & Name : BCA -02 & 'C' Programming and Data Structure
Batch : AY 2019-20 (1st Year)
No.of Assignment : One Assignment for Each 2 Credits
Maximum CIA marks : 25 (Average of Total No. of Assignments)

Max : 25 marks

Answer any one of the question not exceeding 1000 words

1. Explain BFS and DFS algorithm with examples.
2. Write the algorithms for the insertion and deletion operations performed on queue and explain with examples.
3. Explain the operations on a binary search tree in detail.

ASSIGNMENT - 2

Max : 25 marks

Answer any one of the question not exceeding 1000 words

1. Explain in detail about storage classes in C.
2. Explain the important file handling functions in C with examples.
3. Discuss the preorder traversal of a binary tree in detail.

Assignment – 3

Max : 25 marks

Answer any one of the question not exceeding 1000 words

1. Explain the following operators with example
 - a. Arithmetic
 - b. Logical
 - c. Increment
 - d. Bitwise
2. What are the control structures? Explain it with suitable program.
3. Explain Sorting with disk and tape in detail.



TAMIL NADU OPEN UNIVERSITY

Chennai - 15

School of Computer Science

HOME / SPOT ASSIGNMENT

Programme Code No : 171
Programme Name : Bachelor of Computer Applications
Course Code & Name : BCA – 03 & Introduction to System Software
Batch : AY 2019-20 (1st Year)
No.of Assignment : One Assignment for Each 2 Credits
Maximum CIA marks : 25 (Average of Total No. of Assignments)

Max : 25 marks

Answer any one of the question not exceeding 1000 words

1. Discuss in detail about Backups and Restoration.
2. Discuss UNIX File system in detail.
3. Explain multiprogramming with static and dynamic partition.

ASSIGNMENT - 2

Max : 25 marks

Answer any one of the question not exceeding 1000 words

1. Describe the functions of virtual memory management.
2. What is CPU scheduling? Explain with examples.
3. Summarize the Backups and Restoration of Unix.



TAMIL NADU OPEN UNIVERSITY

Chennai - 15

School of Computer Science

HOME / SPOT ASSIGNMENT

Programme Code No : 171
Programme Name : Bachelor of Computer Applications
Course Code & Name : BCA – 04 & Introduction to Computer Organization
Batch : AY 2019-20 (1st Year)
No.of Assignment : One Assignment for Each 2 Credits
Maximum CIA marks : 25 (Average of Total No. of Assignments)

Max : 25 marks

ASSIGNMENT - 1

Answer any one of the question not exceeding 1000 words

1. Explain about cache memory.
2. Give a detailed note on ALU organization.
3. Discuss about assembly language programming development tools.

ASSIGNMENT - 2

Max : 25 marks

Answer any one of the question not exceeding 1000 words

1. Discuss combinational circuits with neat diagram.
2. Give explanation on interconnection structures.
3. Explain about instruction formats in detail.



TAMIL NADU OPEN UNIVERSITY

Chennai - 15

School of Computer Science

HOME / SPOT ASSIGNMENT

Programme Code No : 171
Programme Name : Bachelor of Computer Applications
Course Code & Name : BCA – 05 & Elements of System Analysis and Design
Batch : AY 2019-20 (1st Year)
No.of Assignment : One Assignment for Each 2 Credits
Maximum CIA marks : 25 (Average of Total No. of Assignments)

Max : 25 marks

ASSIGNMENT - 1

Answer any one of the question not exceeding 1000 words

- 1.Explain in Detail :
 - a. Cost benefits analysis.
 - b. Open systems.
- 2.What is meant by Background analysis? Illustrate with an example.
- 3.Classify the various types of software with examples.

ASSIGNMENT - 2

Max : 25 marks

Answer any one of the question not exceeding 1000 words

- 1.Illustrate trends in Business Analytics.
- 2.Discuss about information system planning.
- 3.Explain the ways to improve quality.

ASSIGNMENT – 3

Max : 25 marks

Answer any one of the question not exceeding 1000 words

1. Discuss in detail different types of feasibility.
2. Discuss in detail software selection criteria.
3. Explain various design methodologies.



TAMIL NADU OPEN UNIVERSITY

Chennai - 15

School of Computer Science

HOME / SPOT ASSIGNMENT

Programme Code No : 171
Programme Name : Bachelor of Computer Applications
Course Code & Name : BCA – 06 & Introduction to Database Management Systems
Batch : AY 2019-20 (1st Year)
No. of Assignment : One Assignment for Each 2 Credits
Maximum CIA marks : 25 (Average of Total No. of Assignments)

ASSIGNMENT – 1

Max : 25 marks

Answer any one of the question not exceeding 1000 words

1. Describe the various types of Data models.
2. Explain the difference between relational DBMS and OODBMS.
3. Discuss the significance of Distributed Database.

ASSIGNMENT - 2

Max : 25 marks

Answer any one of the question not exceeding 1000 words

1. Explain in detail 3-tier architecture of DBMS.
2. Illustrate third and boyce-codd normal form.
3. Explain y about different types of joins with examples.

ASSIGNMENT – 3

Max : 25 marks

Answer any one of the question not exceeding 1000 words

1. Explain E-R Model and Hierarchical Model in detail
2. Illustrate Functional dependency with suitable example.
3. Discuss various SQL commands related to data definition.