Tamil Nadu Open University

School of Computer Science
Chennai – 15
HOME / SPOT ASSIGNMENT

Programme Code No	: 171
Programme Name	: Bachelor of Computer Applications
Course Code & Name	: BCA – 01 & Computer Fundamentals & PC Software
Batch	: CY 2020 1st Year Arrear Learners
No.of Assignments	: One Assignment for Each 2 Credits
Maximum CIA marks	: 15 (Average of Total No. of Assignments)

ASSIGNMENT – 1

Max: 15 marks

Answer any one of the question not exceeding 1000 words

1. Explain the advantages of peripheral devices.
2. Briefly describe various elements of communication hardware.
3. Explain various classifications of computer viruses.

ASSIGNMENT - 2

Max: 15 marks

Answer any one of the question not exceeding 1000 words

1. Briefly describe the steps involved in creating a PowerPoint presentation.
2. Explain various types of computer memory with appropriate examples.
3. Discuss the disk drive utilities.

ASSIGNMENT – 3

Max: 15 marks

Answer any one of the question not exceeding 1000 words

1. Explain in detail about various modes of communication with respective communication diagrams.
2. Define SMTP. Explain the basic operations of mail system with SMTP mail flow architecture.
3. Describe the application software and system software.

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Programme Code No	: 171
Programme Name	: Bachelor of Computer Applications
Course Code & Name	: BCA -02 & 'C' Programming and Data Structure
Batch	: CY 2020 1st Year Arrear Learners
No.of Assignments	: One Assignment for Each 2 Credits
Maximum CIA marks	: 15 (Average of Total No. of Assignments)

ASSIGNMENT – 1

Max: 15 marks

Answer any one of the question not exceeding 1000 words

1. Write note on scanf and printf statement with suitable example.
2. Explain switch statement with suitable example.
3. Explain about queues.

ASSIGNMENT - 2

Max: 15 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. Write a program to perform a linear search.

ASSIGNMENT – 3

Max: 15 marks

Answer any one of the question not exceeding 1000 words

1. Write a C program to find the maximum number in single dimensional array using pointer.
2. Discuss about file input output operations with an example.
3. Briefly explain BFS and DFS.

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Programme Code No	: 171
Programme Name	: Bachelor of Computer Applications
Course Code & Name	: BCA – 03 & Introduction to System Software
Batch	: CY 2020 1st Year Arrear Learners
No.of Assignments	: One Assignment for Each 2 Credits
Maximum CIA marks	: 15 (Average of Total No. of Assignments)

ASSIGNMENT – 1

Max: 15 marks

Answer any one of the question not exceeding 1000 words

1. Explain the various categories of language in detail.
2. What is meant by swapping? Explain.
3. Write the short notes on interpreters.

ASSIGNMENT - 2

Max: 15 marks

Answer any one of the question not exceeding 1000 words

1.What are the phases of complier? Explain.

2. Explain UNIX Basic commands for working with directories.

3. Discuss the demand paging and its importance.

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Programme Code No	: 171
Programme Name	: Bachelor of Computer Applications
Course Code & Name	: BCA – 04 & Introduction to Computer Organization
Batch	: CY 2020 1st Year Arrear Learners
No.of Assignments	: One Assignment for Each 2 Credits
Maximum CIA marks	: 15 (Average of Total No. of Assignments)

ASSIGNMENT – 1 Max: 15 marks

Answer any one of the question not exceeding 1000 words

1.Write note on floating point representation with examples.

2. Explain any five addressing modes with examples.

3. Briefly describe the purpose of assembly language.

ASSIGNMENT – 2 Max: 15 marks

Answer any one of the question not exceeding 1000 words

1.Explain in detail about the various data representations with examples.

2. Explain in detail about general register organization with block diagram.

3. Explain the various kinds of interconnected structures with block diagram.

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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 : CY 2020 1st Year Arrear Learners
No. of Assignments : One Assignment for Each 2 Credits
Maximum CIA marks : 15 (Average of Total No. of Assignments)

ASSIGNMENT – 1 Max: 15 marks

Answer any one of the question not exceeding 1000 words

1.Discuss the elements of systems Analysis.

2. Describe Prototype Design.

3. What do you mean by quality Assurance? Explain.

ASSIGNMENT – 2 Max: 15 marks

Answer any one of the question not exceeding 1000 words

1.Illustrate trends in Business Analytics.

2.Discuss about information system planning.

3. Discuss the types of documentation.

ASSIGNMENT – 3 Max: 15 marks

Answer any one of the question not exceeding 1000 words

1. Define Feasibility Study and its types.

2. Write about Database design.

3. Discuss the issues involved in Maintenance of system.

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HOME / SPOT ASSIGNMENT

Programme Code No : 171
Programme Name : Bachelor of Computer Applications
Course Code & Name : BCA – 06 & Introduction to Database Management Systems
Batch : CY 2020 1st Year Arrear Learners
No. of Assignments : One Assignment for Each 2 Credits
Maximum CIA marks : 15 (Average of Total No. of Assignments)

ASSIGNMENT – 1 Max: 15 marks

Answer any one of the question not exceeding 1000 words

1. What are the elements of DBMS?
2. What are the different methods of file organization?
3. Describe about the 3NF.

ASSIGNMENT – 2 Max: 15 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. Discuss the role of knowledge in Database Applications with example.

ASSIGNMENT – 3 Max: 15 marks

Answer any one of the question not exceeding 1000 words

1. Describe the relation model of database Management System with example.
2. List the duties which an administrator has to do.
3. What are the types of Join operation and explain each.