



MONAD
UNIVERSITY
Established by U.P. State Govt. Act 23 of 2010
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Programme: MCA/M.Sc-CS-III sem

Semester: I

MCA-211	Computer Networks
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Assignment No: 2

Due date of submission: 23.10.2017

Instructions:

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

Q.1

- a) What are the applications of Computer Network?
- b) What factors affect data transmission?

Q.2

- a) What is IP address?
- b) What is IPv6? Explain its advantages over IPv4?

Programme: MCA/M.Sc-CS-III sem

Semester: III

Course: Design & Analysis of Algorithms

Course code: MCA-212

Assignment No: 2

Due date of submission: 23.10.2017

Instructions:

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

(a) What is the running time of quick sort when all elements of array A have the same value?

(b) Write the procedures of operations.

- B-tree search
- B-tree create
- B-tree insert

Q-2

(a) Define in-order, pre-order and post order traversal of B-tree.

(b) Devise algorithm for the assignment problem using branch and bound technique.

Programme: MCA/M.Sc-CS-III sem

Assignment No: 2

Due date of submission: 23.10.2017

Course:

MCA-213	Software Engineering
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Submission Date: 11 September 2017

Instructions:

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your name ,Programme and enrollment number clearly at the top of the Pages

Q-1

(a) As we discussed the concept of feasibility study. So, Explain the different types of feasibility study it will help you to learn more.

(b) What is testing? Why there is a need of testing in software engineering?

Q-2

(a) Software maintenance is the important aspect for any software. So, Write down the various types of software maintenance.

(b) Explain the concept of software re-engineering?

Programme: MCA/M.Sc-CS-III sem

Semester: III

Assignment No: 2

Due date of submission: 23.10.2017

Course:

MCA-214	Internet & Java Programming
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Instructions:

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

Q-1:

- (a) As we know that JAVA is not pure Object Oriented Programming (OOP) Language. If yes, then explain the reasons?
- (b) As we know the concept of Platform independent languages, and platform dependent languages. So, would you describe, either JAVA is Platform dependent or platform independent language?

Q-2:

- (a) As we discussed the features of JAVA in the classroom. If yes, explain the basic features of JAVA.
- (b) Data types are very essential for any type of language. So, explain built in data types in java.

Programme: MCA/M.Sc-CS-III sem

Semester: III

Assignment No: 2

Due date of submission: 23.10.2017

Course:

MCA-215-1	ADVANCED DATABASE MANAGEMENT SYSTEMS
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Assignment No: 2

Due date of submission: 23.10.17

Instructions

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HoD/Faculty within the due date (11/09/2017).
3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

- Q. 1 (a) Differentiate between “Fuzzy Set” & “Fuzzy Logic”.
- (b) What do you mean by “Database Operating System”. Explain in brief.
- Q. 2 (a) Describe the concept of “Data Mining”. Discuss all of its uses.
- (b) Describe the Issues In Real Time Database Design.