



MONAD
UNIVERSITY
Established by U.P. State Govt. Act 23 of 2010
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Programme: BCA

Semester: I

Course: BCA-111 Discrete Mathematics

Assignment No: 1

Due date of submission: 11.09.2017

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) As you are aware of the mathematical logics, briefly explain the statements and their types.
- (b) What is tautology and contradiction?

Q2.

- (a) As you are aware with the Boolean Algebra, explain AND, OR, NOT Operations.
- (b) What is the principle of duality?

Programme: BCA

Semester: I

Course: C Programming (BCA-112)

Assignment No: 1

Due date of submission: 11.09.2017

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Q. 1 (a) What do you mean by C Programming? Explain in brief.

(b) As we are familiar with the word “Data”, describe all data types in detail with examples.

Q. 2 (a) Discuss all the operators used in C Programming language.

(b) Describe the following:

(i) Character Set

(ii) Tokens

(iii) Keywords

Course: Basics of Computer Applications (BCA-113)

Submission Date: 11 September 2017

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Q.1

a) As you know that computer is an electronic machine. So, draw the block diagram of computer? Also explain each component of it?

b) Define Primary & Secondary Memory?

Q.2

a) Conversions

$(11100011101010)_2 = (\dots\dots\dots)_8, (\dots\dots\dots)_{10}, (\dots\dots\dots)_{16}$

b) Define the terms

i) Software

ii) Hardware

iii) Firmware

Programme: BCA

Semester: I

Course: BCA-114 Mathematics-1

Assignment No: 1

Due date of submission: 11.09.2017

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Q.1

- (a) As you are aware of the set theory, define sets. How many types are there to describe that?
- (b) Define union and intersection of sets.

Q2.

- (a) As you are aware of matrices, define a square matrix with an example.
- (b) Define the methods to find the rank of a matrix.

Assignment No: 1

last date of submission: 11/09/2017

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3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

- Q. 1 (a) We are habitual of using article and it is studied in two parts. Describe them. Give your ideas for using indefinite and definite article. Write 10 sentences using article.
- (b) As we are familiar with tenses, describe all the three types of tenses in detail with their all parts.
- Q. 2 (a) Pronoun is an important part of speech. Describe all kinds of Pronoun. Personal pronoun contains three persons as 1st, 2nd, and 3rd person. Explain your ideas about it.
- (b) You are familiar with “Preposition”. It is studied as preposition of Place, Time, Reason, Manner, Measure and Rate. Describe them with 5 proper examples of each kind of preposition.