



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: II

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) Draw a circuit which realizes (represents) the Boolean algebra can function

$$f = abc' + a'(b + c')$$

- (b) What is don't care condition?

Q2.

- (a) Define isomorphic graphs with examples.
- (b) Define bipartite graph.

Programme: BCA

Semester: I

Course: C Programming (BCA-112)

Assignment No: 2

Due date of submission: 23.10.2017

Instructions:

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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) C is structured programming language, justify your answer in detail.
- (b) As we are familiar with the concept of statement, discuss the simple statement with the help of an example.
- Q. 2 (a) Draw the flow chart to find whether the given year is leap or not a leap year.
- (b) WAP to Perform addition, subtraction, multiplication or division take the input from user with the help of switch case statement.

Course: Basics of Computer Applications (BCA-113)

Assignment No: 2

Due date of submission: 23.10.2017

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Q.1

a) As you know that the concept of input and output. So, write ten- ten name of input and output devices.

b) As we disused about computer in details. So, explain the types of computer with the help of an example it will help you to learn more.

Q.2

a) What do you understand by term computer generation? Explain the types of computer generation in detail.

b) As we know that software and hardware is the important component of computer. So, explain about hardware and software in detail.

Programme: BCA

Semester: I

Course: BCA-114 Mathematics-1

Assignment No: II

Due date of submission: 23.10.2017

Instructions:

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

Q.1

(a) Differentiate the function: $y = \frac{\sin x + \cos x}{\log_e x}$.

(b) Find $\frac{dy}{dx}$ if $y = \frac{\cos^{-1} x^2}{\cos(ax+b)}$.

Q2.

(a) Find a unit vector in the direction of \overrightarrow{AB} , where A(1,2,3) and B(4,5,6) are the given points.

(b) Explain the physical significance of scalar product.

Course Name - Professional Communication **Course Code: DIP-121**

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/Faculty within the due date.
3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

- Q. 1 (a) Verbal communication is the first step of communication. Describe the importance of verbal communication.
- (b) Listening is a basic element of communication. Give the difference between listening and hearing.
- Q. 2 (a) As we are familiar with interpersonal communication skills. Write down some tips for improving interpersonal communication skills.
- (b) Group discussion means expressing and exchanging views on a topic by the participating members. Write the basic purposes of Group Discussion.