



Assignment No: 2

Programme: _____

Semester: _____

Submitted by:-

Student Name :	
Enrollment No :	
Roll No. :	
Course Name:	
Date of Submission:	

Submitted to:-

**Department of Computer Science and Applications (CSA)
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N.H. 24, Delhi Hapur Road, Pilakhwa,
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UNIVERSITY**
Established by UP State Govt. Act 23 of 2010
& UIS 2 (f) of U.G.C. Act 1956

Programme: B.Sc (CS) II Sem
Course Name: XML PROGRAMMING
Course Code: BCS-121
Assignment No: 2
Due date of submission: 20.04.2018

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 No. clearly at the top of page.

Q.1

- a) Explain XML as Data.
- b) Explain XSL style sheet.

Q.2

- a) Explain scripting XML.
- b) Explain XML document classes and rules.



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Programme: B.Sc (CS) II Sem

Course Name: DATABASE MANAGEMENT SYSTEM

Course Code: BCA-121

Assignment No: 2

Due date of submission: 20.04.2018

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 No. clearly at the top of page.

Q.1

- (a) Explain all aggregate function with example.
- (b) Explain functional dependencies with normal forms.

Q.2

- (a) Explain joins and union with example.
- (b) Explain Distributed Database.



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Programme: B.Sc (CS) II Sem

Course Name: DATA STRUCTURES USING “C”

Course Code: BCA-122

Assignment No: 2

Due date of submission: 20.04.2018

Instructions

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Q.1

(a) As we know that structure is the combination of different type of data type. So, write a program to enter marks of three subjects and name of the students with the help of structure.

(b) As we know that the concept of stack. So, write an algorithm of push and pop operation using stack.

Q.2

(a) As we know the concept of function. So, explain the concept of recursion, also WAP of tower of Hanoi using recursion.

(b) As we very well know the concept of computation of an expression. So solve the following expression from infix to prefix notations.

I) $(A+B)*C / (D-E) ^ F$

II) $A*(B+C+D)/E-F$



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Programme: B.Sc (CS) II Sem
Course Name: E-COMMERCE
Course Code: BCS-122
Assignment No: 2
Due date of submission: 20.04.2018

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 No. clearly at the top of page.

Q.1

(a) As you know about threat. It's very harmful for our systems. So, can you explain the types of threat?

(b) As we all aware about firewall. It's used for security purpose. So, can you explain the importance of firewall in detail?

Q.2

(a) As you know that e-payment is a basic need for us in today's scenario. So, can you explain the types of e-payment in detail?

(b) Explain the following terms. By this you will be aware of types of transaction.

(I) Inter-Organization transaction.

(II) Intra-Organization transaction.



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Programme: B.Sc (CS) II Sem

Course Name: ENVIRONMENTAL SCIENCE

Course Code: HS-121

Assignment No: 2

Due date of submission: 20.04.2018

Instructions

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2. Submit the responses to your HoD within the due date.
3. Write your Name, Programme and Enrollment No. clearly at the top of page.

Q.1

(a) You already know about biodiversity. If yes, explain about the characteristics of biodiversity.

(b) As you are aware of the term ecological succession. If yes, explain the meaning and types of ecological succession.

Q.2

(a) You already aware about population. Explain the characteristics of population.

(b) You already know about nitrogen cycle. Explain the steps of nitrogen cycle.