Nalanda Open University
Assignment (Session 2018-2021)
(Year of Issue -2019 for 2020 Examination)
BACHELOR OF COMPUTER APPLICATION (B.C.A-PART-II)

Instruction for submission of Assignment

Each student shall be required to submit two assignments in each theory paper of all programmes where no practical/project work is prescribed. For this purpose, the University administration will set out and provide to each student three different topics in each theory paper; out of which he/she will be required to write out and submit assignment work only on two topics of his/her choice in the answer book provided to him/her for this purpose by the University. Both the assignments, each carrying equal marks, shall be evaluated for the purpose of examination. It is again emphasized that writing of two assignments in each theory paper, where no practical / project work is prescribed, is compulsory and unless it is done and assignment copy submitted to the University on the date of the examination of the theory portion of the concerned paper, the study requirement of the student will not be taken to have been completed and he/she will be declared to have failed. Besides, it has, now, been decided by the University to club the marks obtained by a student in his/her assignment work /project work with the marks obtained by him/her in the written examination of that paper to determine his/her pass percentage in the concerned paper. Hence, it is in student's interest that he/she submits the assignment work in time. Students are also advised to prepare their assignments very carefully and meticulously. They must write assignment in their own handwriting. Assignment answers should not be copied from the learning material supplied by the University or from any other source. Assignments must be submitted in the answer books provided to the students by the University for this purpose. In no case, assignment written in private copy will be accepted by the University. In case of loss of assignment copy, fresh assignment copy may be procured from the University on payment of Rs.200.00 by bank draft. Similarly, Project-Work, wherever prescribed, must also be submitted by the fixed date, failing which the student will be deemed to have failed in the concerned subject.
ASSIGNMENT QUESTIONS

For BACHELOR OF COMPUTER APPLICATION PATR-II (Old Batch)

Paper-VII (FST-01)

Answer Any Two Questions.

1. Discuss modes of HIV transmission. What are its initial symptoms?
   एच.आई.वी. के संक्रमण के तरीकों का विवेचन कीजिए इनके प्रारंभिक लक्षण क्या है?
2. Explain ecological crisis in ocean coasts and atmosphere.
   समुद्री तट तथा वायुमंडल में होनेवाले परिस्थिति की संकट को समझायें।
3. Discuss the causes and remedies of water pollution.
   जल प्रदूषण के कारणों एवं निदान का विवेचन कीजिए।

Paper-VIII(CS-63)

Practical Work

Paper-IX(CS-05)

Answer Any Two Questions.

1. What is Quality of a software? Explain various attributes of software quality.
2. Write short notes on (a) Requirement analysis. (b) Components of a system
3. What are outputs? Discuss various types of outputs that may be developed for a system.

Paper-X(CS-06)

Answer Any Two Questions.

1. Explain various types of Database model with examples of each type.
2. What are Integrity rules? Explain the two Integrity rules with the help of examples.
3. Explain different types of relational operators used in RDBMS.

Paper-XI(CS-64)

Answer any Two questions

1. Construct a full adder using fundamental gates. What are the functions of a full adder? Discuss.
2. Differentiate between sequential circuits and combinational circuits with the help of examples.
3. Design a 4 bit synchronous counter, and explain its working.

Paper-XII(CS-65)

Practical Work

Paper-XIII(CS-66)

1. Describe e-Governance and video-conferencing with example? Give the advantages of both.
2. Describe some of the hardware and software used for multimedia.
3. What is multimedia development tools? Discuss its categories and uses

Paper-XIV(CS-67)

Practical Work

ASSIGNMENT QUESTIONS

For BACHELOR OF COMPUTER APPLICATION (New Batch)

Paper IX (Operating System Concepts)

Practical Work

Paper X (Computer Networking)

Practical Work

Paper XI (DBMS Using Access)

Practical Work

Paper XII (Multimedia & Animation)

Practical Work

Paper XIII (Data Structure Using C)

Practical Work

Paper XIV (Object Oriented Programming using C++)

Practical Work

Paper XV (Statistical Methods and Linear Programming)

Answer Any Two Questions.

1. Explain the Definition of Statistics and their characteristics.
2. What is frequency distribution of continuous series?
3. What is dispersion? Discuss the relative merits and demerits of various measure of dispersion.

Paper-XVI (Internet and Web Technology (HTML, DHTML, XML)

Practical Work