



MONAD UNIVERSITY, HAPUR (UP)

Programme: BCA

Semester: IV

Course: BCA-221-Computer Architecture

Assignment No: 1

Due date of submission: 12.03.2019

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 is Stack? Explain the PUSH and POP operations used with it

(b) Explain the "Addressing Modes" in detail.

Q.2 (a) What is assembly language? Write all the rules of assembly language.

(b) Explain the following: (i) Direct memory Address (DMA) (ii) Microprocessor



MONAD UNIVERSITY, HAPUR (UP)

Programme: BCA

Semester: IV

Course: BCA-222 Computer Graphics

Assignment No: 1

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Q1: (a) What are The Advantages of Interactive Graphics?

(b) What is Raster-Scan Display? Explain in brief.

Q2: (a) Define Southland- Cohen Algorithm with the help of suitable example.

(b) What is Midpoint Subdivision Algorithm? Explain in detail.



MONAD UNIVERSITY, HAPUR (UP)

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Semester: IV

Course: BCA-223 JAVA

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Q 1 (a): Explain Inheritance with one example.

(b) Define Control Structured? Explain type of Control Structure.

Q2 (a): What do you mean by Constructor. and also explain type of constructor.

(b): Explain life cycle of applet.



MONAD UNIVERSITY, HAPUR (UP)

Programme: BCA

Semester: IV

Course: BCA-224 Advance Computer Network

Assignment No: 1

Due date of submission: 12.03.2019

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Q1 (a): Define Network? And explain mode of communication.

(b): What is OSI Model? And explain layer of OSI Model.

Q2 (a): Describe Transmission Media? and explain any one example in detail.

(b): What do you understand by ISDN Service.



MONAD UNIVERSITY, HAPUR (UP)

Programme: BCA

Semester: IV

Course: BCA-225 CNS

Assignment No: 1

Due date of submission: 12.03.2019

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Q.1 (a): As you know, in classical cryptography, the various parameters used by a decryption algorithm are derived from the same secret key that was used in the encryption algorithm. Explain the concept of classical encryption techniques?

(b) Differentiate between active attacks and passive attacks in brief.

Q.2 (a): As we know that there are three layers of OSI network security. So can you explain the security mechanism in detail?

(b) As we know that security services are the main component to secure our data. So can you explain types of security services it will help you learn more about the topic?



MONAD UNIVERSITY, HAPUR (UP)

Programme: BCA

Semester: IV

Course: MC-221 Positive psychology

Assignment No: 1

Due date of submission: 12.03.2019

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Question:-1

- a). What is the most interesting issue underlying positive psychology?
- b) How should each of "Positive psychology" and "Well-being" be defined, and how are they related?.

Question:-2

- a) Name and describe the three elements of the good life.
- b) *What are the characteristics of a positive life, and how can they be measured and taught?*