



MONAD UNIVERSITY

ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

Established by UP State Govt. Act. No. 23 of 2010, & U/S 2(f) of UGC Act. 1956

N.H-24, Delhi Hapur Road, District Hapur-245101, (U.P.) India

www.monad.edu.in

Programme:-B.Tech. (EC) –Vth Sem

Course:- Engineering Managerial Economics (EME-351)

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 this page.

Q.1

- a) As you can define Economics according to Smith, Marshall, Robbins, Mehta & Growth centered Economists.
- b) You can easily differentiate between Micro and Macro Economics.

Q.2

- a) As you are aware about demand, now discuss about its definition, types and law.
- b) You can draw a figure and define Elasticity of demand with its types & degrees.



MONAD UNIVERSITY
ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

Established by UP State Govt. Act. No. 23 of 2010, & U/S 2(f) of UGC Act. 1956
N.H-24, Delhi Hapur Road, District Hapur-245101, (U.P.) India
www.monad.edu.in

Programme:-B.Tech. (EC) –Vth Sem
Course:- Integrated Circuits (EEC-351)

Assignment No:- 1

Due date of submission:- 11.09.2017

Instructions

4. Write the responses to the assignment in your own handwriting.
5. Submit the responses to your HOD within the due date.
6. Write your Name, programme and Enrolment No. clearly at the top of this page.

Q.1

- a) Explain Wilson and Wilder Current sources.
- b) Write the differences between Ideal and Practical Op-amp.

Q.2

- a) Sketch and explain first order low pass filter.
- b) What is Oscillator? Explain RC phase shift Oscillator.



MONAD UNIVERSITY
ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

Established by UP State Govt. Act. No. 23 of 2010, & U/S 2(f) of UGC Act. 1956
N.H-24, Delhi Hapur Road, District Hapur-245101, (U.P.) India
www.monad.edu.in

Programme:-B.Tech.(EC) – Vth Sem
Course:- Principle of Communication (EEC-352)

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 this page.

Question No. 1.

(a) As you are aware about communication system then give the overview of communication system with the help of block diagram.

(b) You know about signals then write the difference between base band signals and pass band signals.

Question No. 2.

(a) You know about the use of carrier signal in modulation then define Single Side Band carrier and double side band suppress carrier (DSB-SC).

(b) As you are aware about communication system then define Radio Transmitter and Receiver.



MONAD UNIVERSITY

ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

Established by UP State Govt. Act. No. 23 of 2010, & U/S 2(f) of UGC Act. 1956

N.H-24, Delhi Hapur Road, District Hapur-245101, (U.P.) India

www.monad.edu.in

Programme:-B.Tech. (EC) – Vth Sem

Course:- Microprocessor (EEC-353)

Assignment No:- 1

Due date of submission: 11.09.2017

Instructions

4. Write the responses to the assignment in your own handwriting.
5. Submit the responses to your HOD within the due date.
6. Write your Name, programme and Enrolment No. clearly at the top of this page.

Q.1

- a) You know that the microprocessor is an important device for computer than define the Evolution of microprocessor.
- b) Define the Definition of Instruction & Program for microprocessor.

Q.2

- a) I know you are aware about microprocessor then define the advantages and application of microprocessor.
- b) Draw and explain the Functional block diagram of an 8085 microprocessor.



MONAD UNIVERSITY

ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

Established by UP State Govt. Act. No. 23 of 2010, & U/S 2(f) of UGC Act. 1956

N.H-24, Delhi Hapur Road, District Hapur-245101, (U.P.) India

www.monad.edu.in

Programme:-B.Tech. (EC) –Vth Sem

Course:- Antenna and Wave Propagation (EEEC-354)

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 this page.

Q.1

- a) You know about antenna then State the basic antenna Parameters, Patterns, Beam Area (or Beam Solid Angle).
- b) You know about the Radiation process of antenna then write the Radiation Intensity, Beam Efficiency, Directivity and Gain G of an antenna.

Q.2

- a) Write about the terms Directivity, Resolution and Antenna Apertures.
- b) I know you are aware about Noise then define Single-to-Noise Ratio (SNR) of an antenna.



MONAD UNIVERSITY
ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

Established by UP State Govt. Act. No. 23 of 2010, & U/S 2(f) of UGC Act. 1956
N.H-24, Delhi Hapur Road, District Hapur-245101, (U.P.) India
www.monad.edu.in

Programme:-B.Tech. (EC) –Vth Sem
Course:- Control System (EEC-355)

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 this page.

Q.1

- a) Write the differences between open and closed loop control systems.
- b) Explain signal flow graph.

Q.2

- a) Explain steady state error for different types of systems.
- b) Sketch and explain Phase and Gain margins.