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

Program:-Diploma (EC) - VI Sem
Course: Electronics Instrumentation & Measurement (DECE-361)

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 Enrolment No. clearly at the top of this page.

Q.1

a) You know about the transducers then explain the Selection, Considerations and Resistivity of electrical transducers.

b) I know you are aware about bridge measurement then explain Wheatstone bridge, Kelvin bridge and AC bridge measurement.

Q.2

a) You are aware about frequency measurements then explain the Principle of high frequency measurements.

b) I know you are aware about Oscilloscope then explain the Cathode Ray Oscilloscope and Cathode Ray Tube.

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Program:-Diploma (EC) - VI
Course: Microwave and Radar Engineering (DECE-362)

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.
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Q.1

a) Explain Electronic Digital Switching Network.

b) Sketch and explain Optical fiber communication system.

Q.2

a) Explain Sampling theorem.

b) Write the differences between Step and Graded index fibers.

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Program:-Diploma (EC) - VI Sem
Course: Environmental & Disaster Management (DECE-363)

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.
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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.

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Program:-Diploma (EC) - VI Sem
Course: Television Engineering (DECE-364)

Assignment No: 2

Due date of submission: 20.04.2018

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 about the TV signal transmission and propagation then explain picture signal transmission, positive and negative modulation.

b) You know about the TV cameras then explain monochrome TV camera and CCD image sensors.

Q.2

a) I know you are aware about digital tuning techniques then explain the function of remote control on the basis of tuning.

b) You know about the TV picture tube then explain the specifications and characteristics of monochrome picture tube.