MONAD UNIVERSITY HAPUR (UP)

Course : B.Tech.(Ag.Engg.)

Subject Name : Drying and Storage Engineering

Sub. Code : EAG-471

Assignment No: II

Due date of submission: 10.11.2016

Instruction

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, Program me, and Enrolment No. clearly at the top of the page.

Q.1.

(a) Define storage and explain losses in grain due to insects.

(b) Define preservation. And describe preservation practices used during grain storage.

Q2.

(a) Define relative humidity. Explain control of temperature and relative humidifies inside storage.

(b) Explain the C.A storage.

Course:–Rural Engineering

Assignment No: I

Subject code: EAG-472

Due date of submission: 10.11.2016

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 number clearly at the top of the Page.

Q.1

a. Write a short note on "Various approaches of planning of water supply schemes in rural areas".

b. What do you mean by Wells? Write also its types.

Q.2

a. What is the scope of sanitation in rural areas?

b. Write in detail about magnitude of problems of rural water supply.

Course:–Rural Engineering

Assignment No: II

Subject code: EAG-472

Due date of submission: 10.11.2016

Instructions:

1. Write the responses to the assignment in your own handwriting.
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3. Write your name, programme and Enrollment number clearly at the top of the Page.

Q.1

a. What do you mean by treatment of surface and ground waters for rural water supply?
b. Write in detail about Pumps and its types.

Q.2

a. Write a short note on Planning of distribution system in rural areas.
b. Write in detail about Disposal of Solid Wastes.

MONAD UNIVERSITY HAPUR (UP)

Course : B.Tech.(Ag.Engg.)

Subject Name : Food Processing Plant Design &Layout

Sub. Code : EAG-473

Assignment No: II

Due date of submission: 10.11.2016

Instruction

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, Program me, and Enrolment No. clearly at the top of the page.

Q.1:-

(a) Write about material handling and explain belt conveyor .

(b) Explain requirements of plant building and its components.

Q.2:-

(a) Explain salient features of processing plants for fruits and vegetables crops.

(b) Define cost analysis .And describe the preparation of feasibility report.

MONAD UNIVERSITY HAPUR (UP)
(SCHOOL OF AGRICULTURE SCIENCE & ENGINEERING)

Course : B.Tech.(Ag.Engg.)

Subject Name : Micro Irrigation System Design

Sub. Code : EAG-474

Assignment No: II

Due date of submission: 10.11.2016

Instruction

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) Define the pump? How many types of pump used in agriculture field? Explain the centrifugal pump with the help of a suitable diagram.

(b) Explain the Scope & Limitation Of Micro Irrigation In India.

Q.2:-

(a) Describe Design and maintenance of Poly-house and explain the quality control in micro-Irrigation components.

(b) What do you mean by West land development? Explain.

MONAD UNIVERSITY HAPUR (UP)
(SCHOOL OF AGRICULTURE SCIENCE & ENGINEERING)

Course : B.Tech.(Ag.Engg.)

Subject Name : Mechanics of Tillage and traction

Sub. Code : EAG-475

Assignment No: II

Due date of submission: 10.11.2016

Instruction

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) Describe the history of tillage? And Explain Soil Machine Crop System.

(b) Explain the Mechanics of the tillage tools

Q.2:-

(a) Describe the analysis of soil –Machine Dynamic in tillage and Explain also the applications of soil dynamics in tillage.

(b) Explain the Physical Properties of soil.