



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

Programme : B.Tech.(Ag.Engg.)
Course Name : Drying and Storage Engineering
Course Code : EAG-471
Assignment No : I
Due date of submission: 11.09.2017

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 agricultural processing. Explain its advantage and disadvantages.
- (b) Define moisture content and explain method of its determination.

Q.2:-

- (a) What is drying? Discuss about mechanical drying methods.
- (b) Explain the drum and rotary dryers.



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

Programme : B.Tech. (Ag.Engg.)
Course Name : Food Processing Plant Design &Layout
Course Code : EAG-473
Assignment No : I
Due date of submission: 11.09.2017

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) What are the factors to be considered for selecting a plant site? Explain with examples.
- (b) Draw flow diagram of fish and meat plant.

Q.2:-

- (a) What are the various safety consideration for plant design? Explain in detail.
- (b) Explain fixed and working capital..



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

Programme : B.Tech. (Ag.Engg.)
Course Name : Micro Irrigation System Design
Course Code : EAG-474
Assignment No : I
Due date of submission: 11.09.2017

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) Explain micro jet irrigation system.
- (b) Explain the history of micro irrigation in World.

Q.2:-

- (a) How many types of sprinkler system used in agriculture field? Explain.
- (b) Explain the difference between Traditional irrigation method and Micro irrigation method.



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

Programme : B.Tech.(Ag.Engg.)
Course Name : Mechanics of Tillage and traction
Course Code : EAG-475
Assignment No : 1
Due date of submission: 11.09.2017

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 engineering properties of soil.
- (b) Mention about the principles and concepts of mechanics of tillage tools.

Q.2:-

- (a) Explain the traction model and traction improvement.
- (b) "Tire is a most important part of a tractor", describe this statement.