



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

Programme : Diploma (Ag.Engg.)V^{Sem}
Course Name : Irrigation & Drainage System
Course Code : DAGE-311
Assignment No : II

Due date of submission: 23.10.2017

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 purpose of irrigation and sources of irrigation water.
- (b) Explain the evapo-transpiration and its factor affecting.

Q2.

- (a) Explain the various methods for measurement of irrigation water.
- (b) What do you mean by times of irrigation? Explain.



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Programme : Diploma (Ag.Engg.)V^{Sem}
Course Name : Agricultural Waste Utilization
Course Code : DAGE-312
Assignment No : II

Due date of submission: 23.10.2017

Instruction

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3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

Q.1

- (a) Describe the Testing of paper boards.
- (b) Explain the factors affecting briquetting.

Q2.

- (a) What is Paper board production? Explain.
- (b) Explain the Production of power alcohol.



MONAD UNIVERSITY HAPUR (UP)
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Programme : Diploma (Ag.Engg.)V^{Sem}
Course Name : Seed Processing Technology
Course Code : DAGE-313
Assignment No : II

Due date of submission: 23.10.2017

Instruction

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
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Q.1 :-

- (a) What are the factors affecting storage life of seeds? Explain.
- (b) Discuss the different types of drying method of seeds.

Q.2:-

- (a) Discuss the insect management in seed storage.
- (b) Discuss about the packaging and labeling of seed.



MONAD UNIVERSITY HAPUR (UP)
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Programme : Diploma (Ag.Engg.)V^{Sem}
Course Name : Farm Machinery & Equipment
Course Code : DAGE-314
Assignment No : II

Due date of submission: 23.10.2017

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 the objectives of farm mechanization.
- (b) Explain the types and objects of tillage.

Q2.

- (a) Describe the different method for draft measurement of tillage equipments.
- (b) How many types of sowing method? Explain the working principles of seed drill.



MONAD UNIVERSITY HAPUR (UP)
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Programme : Diploma Vth Semester
Course Name : Soil & water conservation
Course Code : DAGE-315
Assignment No : II

Due date of submission: 23.10.2017

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 the forms and mechanics of water erosion.
- (b) Explain gullies and their classification.

Q.2:-

- (a) Describe the agronomical measures for erosion control.
- (b) What do you mean by grassed water ways? Explain the techniques of water harvesting.