



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

Programme : B.Sc (Ag) VII<sup>th</sup> Semester

Course Name : Rainfed Agriculture and Watershed Management

Course Code : **BSCAG-411**

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) Mention future strategies for different agro climatic zone of India.
- (b) Explain the source of irrigation and water budget of India.

Q2.

- (a) Explain the basic problems and their remedies in dry farming.
- (b) Describe the appropriate dry farming method in U.P. and Maharashtra.



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**(DEPARTMENT OF AGRICULTURE SCIENCE & ENGINEERING)**

Programme : B.Sc (Ag) VII<sup>th</sup> Semester

Course Name : Management of Waste Land and Problematic Soil

Course Code : **BSCAG-473**

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) What are the causes of formation of saline and sodic soil?
- (b) Mention the problems of saline and sodic soils.

Q.2:-

- (a) Explain the reclamation or amelioration of saline and sodic soils.
- (b) Describe the diagnosis and appraisal of saline and sodic soils.



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

Programme : B.Sc (Ag) VII<sup>th</sup> Semester

Course Name : Post Harvest Management and Preservation of Fruits and Vegetables

Course Code : **BSCAG-474**

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.
- 4.

**Q.1**

- (a) Describe in detail about the principle and methods of fruits and vegetables preservation.
- (b) Explain the importance of vegetable in daily diets.

**Q-2**

- (a) Define dehydration of fruits. Describe its methods and precautions to be taken.
- (b) Write an essay in detail on the importance of grading and packaging in fruits and vegetables production.



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

Programme : B.Sc (Ag) VII<sup>th</sup> Semester  
Course Name : Communication and Extension System  
Course Code : **BSCAG-475**  
Assignment No: 1  
Due date of submission: 11.09.2017

**Instruction**

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 the page.

**Q.1**

- (I) Write the meaning & definition of communication. Explain the nature of communication.
- (II) Explain communication Process. Discuss the different key element of communication.

**Q-2**

- (I) Explain the types of communication.
- (II) Write the objectives and scope of Extension Education.



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

Programme : B.Sc (Ag) VII<sup>th</sup> Semester

Course Name : Non-insect pests, pests of Farm Animals and Plant disease Vectors

Course Code : **BSCAG-476**

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) What is economic importance of non-insect in agriculture background?
- B) Write economic importance of rodents and their classification.

**Q2.**

- A) What are mites? Describe classification, morphology, nature of damage and management of some important mites.
- B) Describe classification, distribution, life history and management of birds and mammals.



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**(DEPARTMENT OF AGRICULTURE SCIENCE & ENGINEERING)**

Programme : B.Sc (Ag) VII<sup>th</sup> Semester  
Course Name : Dairy Products Technology  
Course Code : **BSCAG-477**  
Assignment No: 1  
Due date of submission: 11.09.2017

1. Instruction 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) Write the principle of cream separation.
- (B) What do you mean by ripening of cream? Describe the artificial method of cream ripening.

Q.2

- (A) What do you mean by cream neutralization? Write methods of cream neutralization.
- (B) Define refrigeration. Explain natural and artificial refrigeration.