



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

Course : B.Sc (Ag) I<sup>st</sup> Semester

Subject Name : Principle of Agronomy

Sub. Code : BSCAGN-111

Assignment No: 1

**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.(i) what is Agronomy? Explain the Scope of Agronomy and also write the role of Agronomist in Agriculture?

(ii) Define mixed cropping? Explain the advantage of mixed cropping?

Q2.(i) Define Crop? Explain the classification of crop on the basis of special utilization and season?

(ii) Define Relay cropping? Explain the Disadvantage of relay cropping?



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Course : B.Sc (Ag) I<sup>st</sup> Semester  
Subject Name : Fundamental of Soil Science  
Sub. Code : BSCAGN-112  
Assignment No : 1

**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.**

- (i) Describe soil profile with Diagram?
- (ii) Explain the types of Soil?

**Q.2.**

- (i) Define Soil? Soil as a medium of plant growth, Explain its?
- (ii) Explain the importance of soil particles in Agriculture?



**MONAD UNIVERSITY HAPUR (UP)**  
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Course : B.Sc (Ag) I<sup>st</sup> Semester  
Subject Name : Elements of Genetics  
Sub. Code : BSCAG-113  
Assignment No : 1

**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) What is Genetics? Write role of genetics in crop improvement.
- (b) What are chromosomes? Describe special types of chromosomes with structure.

**Q2.**

- (a) How much types of Mendel's law? Write the details "law of independent assortment".
- (b) What is polyploidy? Write the importance of polyploidy in the crop improvement.



**MONAD UNIVERSITY HAPUR (UP)  
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Course : B.Sc (Ag) I<sup>st</sup> Semester  
Subject Name : Statistics and applied mathematics  
Sub. Code : BSCAG-114  
Assignment No : 1

*Date of submission:- 10/11/2016*

Instructions

- a) Write the response to the assignment in your own handwriting.
- b) Submit the response to your HoD within the due date.
- c) Write your name, Programme and Enrolment No. clearly at the top of the page.

Q.1

- a) Define statistics also discuss merits of statistics.
- b) Expand  $(a \pm b)^6$

Q.2

- a) Find the probability to get 53 Sundays in a leap year?
- b) Define sampling and explain the aim of sampling.



**MONAD UNIVERSITY HAPUR (UP)**  
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Course : B.Sc. (Ag)  
Subject Name : Agricultural Meteorology  
Sub. Code : BSCAGN-115  
Assignment No : I

**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 Climate and Weather? Write the elements of Weather and explain factor affecting of climate
- (b) How many types of instruments used in meteorological observatory? Explain Symones Non-Automatic rain gauge with a suitable diagram.

**Q2.**

- (a) What do you mean by Hydrological Cycle? Write and explain physical components of Hydrological Cycle with a suitable diagram.
- (b) Define atmosphere? Explain briefly the classification of Atmosphere and also write down Ozone layer.



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Course : B.Sc (Ag) I<sup>st</sup> Semester  
Subject Name : Rural Sociology & Education Psychology  
Sub. Code : BSCAGN-116  
Assignment No: 1

**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.(i) Give the definition of rural sociology? Explain the scope of rural sociology?\

(ii) Explain the types of Emotions?

Q-2.(i) Write the Difference between Rural and urban life?

(ii) Explain the type of motives?



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Course : B.Sc (Ag) I<sup>st</sup> Semester  
Subject Name : Fundamental of horticulture  
Sub. Code : BSCAGN-117  
Assignment No: 1

**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. (i) Define Horticulture. Explain the Importance floriculture?

(ii) Explain the effect of low temperature in fruits plants?

Q2.(i) Explain the advantage & disadvantage of wind Brakes?

(ii) Explain the method of Protection of High temperature ?