



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

Course : B.Sc (Ag) Ist Semester

Subject Name : Principles of Agronomy

Sub. Code : BSCAGN-111

Assignment No: 2

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 Seed? Write the Characteristic of seed bed & objective of primary tillage?

(ii) Define Tillage? Explain the objectives & advantage of Secondary tillage?

Q.2. (i) define the crop rotation? Explain the principle and advantage of crop rotation?

(ii) Define seed? Explain the Characteristics of good Quality seed?



MONAD UNIVERSITY HAPUR (UP)
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Course : B.Sc (Ag) Ist Semester
Subject Name : Fundamental of Soil Science
Sub. Code : BSCAG-357
Assignment No : 2

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. Write the difference are following

- (I) Sub soil Vs. surface soil
- (ii) Edaphology and Pedology

Q.2.(i) define soil? Explain the components of Soil?

(ii) Explain the soil pH and the availability of nutrients ?



MONAD UNIVERSITY HAPUR (UP)
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Course : B.Sc (Ag) Ist Semester
Subject Name : Elements of Genetics
Sub. Code : BSCAG-113
Assignment No : 2

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 cell? Describe the meiosis process in plants.
- (b) Write brief history of genetics with genotype and phenotype concept.

Q2.

- (a) Write the different types of structural change in chromosomes
- (b) What is crossing over? How would be detect linkage and crossing over in plants.



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

Course : B.Sc (Ag) Ist Semester
Subject Name : Statistics and applied mathematics
Sub. Code : BSCAG-114
Assignment No : 2

Due 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) Evaluate the average of first 20 natural numbers.

(B) Find the median from the data given below

Class	1-3	3-5	5-7	7-9	9-11	11-13	13-15	15-17
Frequency	6	53	85	56	21	16	04	04

Q.2

- a) Find the standard deviation from the following.

11,12,13,14,15,16,17,18,19,20,21

- b) Differentiate $y = x^{x+x+x+\dots+\infty}$.



MONAD UNIVERSITY HAPUR (UP)
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Course : B.Sc. (Ag)
Subject Name : Agricultural Meteorology
Sub. Code : BSCAGN-115
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) List the Symbols to represent Weather Condition.
- (b) Define Precipitation? Describe the forms of Precipitation and Explain the types of Precipitation also with the help of a neat diagram.

Q2.

- (a) Define Run-off? Write the types of Run-Off and also explain factor affecting of Run-Off.
- (b) How many types of method of estimation and measurement of Run-Off? Calculate the Drainage Co-efficient of a ditch,if discharge of Ditch 12.5 Cu'/Second and drainage field area 420 Acres



MONAD UNIVERSITY HAPUR (UP)
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Course : B.Sc (Ag) Ist Semester
Subject Name : **Rural Sociology & Education Psychology**
Sub. Code : BSCAGN-116

Assignment No: 2

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 Psychology? Write the Importance of Psychology?

(ii) Explain the characteristics of rural life?

Q.2. (i) Define the Emotion? Write the types of Emotion?

(ii) Explain the Habit Development?



MONAD UNIVERSITY HAPUR (UP)
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Course : B.Sc (Ag) Ist Semester
Subject Name : Fundamental of horticulture
Sub. Code : BSCAGN-117
Assignment No: 2

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) Explain the Importance of fruits in human life?

(ii) Explain the method of Protection of furits trees?

Q.2.(i) Define pomology? Explain the Importance of pomology?

(ii) Explain the selection of site for an Orchard?