



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

Programme : B.Sc (Ag) IIIrd Semester

Course Name : Field crops-I

Course Code : BSCAG-211

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.

- I- Describe the scientific cultivation of paddy crop on the basis on following topic.
 - a- Botanical classification.
 - b- Golden rice.
 - c- Improved varieties.
 - d- Benefits of puddling.
 - e- Role of blue green algae in rice production.
- II- Describe the cultivation technology of maize crop on the basis on following topic.
 - a- Classification of maize on the basis of grain size.
 - b- Importance & utility.
 - c- Soil and climate.
 - d- Plant protection.
 - e- Storage and yield.

Q.2.

- Describe the scientific cultivation of sorghum crop on the basis on following topic.
- a. Botanical classification.
 - b. Origen & history.
 - c. Improved varieties.
 - d. Soil & climate.
 - e. Manuring, irrigation & drainage.

- III- Describe the cultivation technology of bajra crop on the basis on following topic.
 - a- Botanical classification.
 - b- Importance & utility.
 - c-Soil and climate.
 - d-Plant protection.
 - e-Improve varieties and yield.



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

Programme : B.Sc (Ag) IIIrd Semester
Course Name : Principle of plant breeding
Course Code : BSCAG-212
Assignment No: 1
Due date of submission: 11.09.2017

Instruction

- 2 Write the responses to the assignment in your own handwriting.
- 3 Submit the responses to your HOD within the due date.
- 4 Write your Name, Programme, and Enrolment No. clearly at the top of the page.

Q.1.

- (a) Describe plant breeding. Describe significant achievement of plant breeding in India.
- (b) What do you know about selection? How much type of selection? Describe one type of selection with example.

Q2.

- (a) Define self incompatibility. Describe briefly its role in plant breeding.
- (b) Define mutation breeding. How can develop mutant variety in wheat crop?



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

Programme : B.Sc (Ag) IIIrd Semester

Course Name : Principles and Methods of Soil and Water Conservation

Course Code : BSCAG-214

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

(i) Define the soil conservation and write the significance of soil conservation.

(ii) Define the soil erosion. Describe the types of soil erosion.

Q-2

- (i) What is water erosion? Explain factor affecting of water erosion.
- (ii) Describe the factors affecting of evaporation and transpiration.



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

Programme : B.Sc (Ag) IIIrd Semester

Course Name : Farm Power and Machinery

Course Code : BSCAG-215

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 engine terminology? Explain briefly.
- (b) What do you mean by classification of internal combustion Engine?

Q2.

- (a) Define four-stroke Engine. Explain the working principle of four-stroke Engine with the help of a suitable diagram.
- (b) For a 4-Stroke four cylinder engine, whose cylinder diameter is 30 cm, stroke-bore ratio is 2.0, clearance volume is 4500 cm^3 , engine speed is 2400 rpm, mean effective pressure is 7.0 kg/cm^2 and mechanical efficiency is 80%, Calculate:-
 - (i) I.H.P.
 - (ii) B.H.P.
 - (iii) Compression ratio
 - (iv) Swept Volume



MONAD UNIVERSITY HAPUR (UP)
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Course : B.Sc (Ag) IIIrd Semester
Subject Name : Agricultural marketing and cooperation
Sub. Code : BSCAG-236
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.

Question:-1

- a) Define credit in context of agriculture? . What is importance of planning in finance?
- b) Write briefly about the functions of management.

Question:-2

- a-) What is missing in the formal relations system that is critical to make it harmonious and productive?
- b-) What are objectives of NABARD?



MONAD UNIVERSITY HAPUR (UP)
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Programme : B.Sc (Ag) IIIrd Semester
Course Name : Introductory Plant Pathology
Course Code : BSCAG-217
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 Plant pathology? Write an essay on history of plant pathology.
B) Define infection? How can identify of plant disease?

Q.2.

- A) What is fungal reproduction? How much type of reproduction? Describe asexual reproduction in fungal.
B) What are the biotic and mesobiotic pathogen of plant diseases in plants? Give in brief the classification of plant diseases according to major causal agents.

ASSIGNMENT- 1st

U G CLASSES (ALL PROGRAMMES) – 3rd Sem.

Course Name - Professional Communication Course Code: DIP-111

Assignment No: 1

last date of submission: 11/09/2017

Instructions

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HoD/Faculty within the due date (11/09/2017).
3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

- Q. 1 (a) We are habitual of using article and it is studied in two parts. Describe them. Give your ideas for using indefinite and definite article. Write 10 sentences using article.
- (b) As we are familiar with tenses, describe all the three types of tenses in detail with their all parts.
- Q. 2 (a) Pronoun is an important part of speech. Describe all kinds of Pronoun. Personal pronoun contains three persons as 1st, 2nd, and 3rd person. Explain your ideas about it.
- (b) You are familiar with “Preposition”. It is studied as preposition of Place, Time, Reason, Manner, Measure and Rate. Describe them with 5 proper examples of each kind of preposition.

Course: Basics of Computer Applications (BCA-113)

Submission Date: 11 September 2017

Instructions:

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 enrollment number clearly at the top of the Pages

Q.1

a) As you know that computer is an electronic machine. So, draw the block diagram of computer? Also explain each component of it?

b) Define Primary & Secondary Memory?

Q.2

a) Conversions

$(11100011101010)_2 = (\dots\dots\dots)_8, (\dots\dots\dots)_{10} ,$

$(\dots\dots\dots)_{16}$

b) Define the terms

i) Software

ii) Hardware

iii) Firmware