



MONAD UNIVERSITY HAPUR (UP)

Course : Diploma (A.G)

Subject : Hydraulics

Subject code : DAGE-231

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, Program me, and Enrolment No. clearly at the top of the page.

Q.1.

- (a) Define Reynold's number. And write its application.
- (b) Describe Bernoulli's Theorem. And write practical application of Bernoulli's Theorem.

Q2.

- (a) What is orifice? And explain classification of orifice.
- (b) Write difference between Notch and Weir.



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

Course : Diploma (A.G)

Subject : Soil Science

Subject code : DAGE-232

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. 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 ?

Course: -Surveying

Assignment No: I

Subject code: DAGE- 233

Submission Date: 10 November 2016

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) What is surveying? Explain main division of survey.

सर्वेक्षण क्या है ? मुख्य खंड का वर्गीकरण कीजिये

b) Define tape. Find the tape correction.

फीता को परिभाषित कीजिये फीता का संशोधन ज्ञात कीजिये .

Q.2

a) Explain the compass surveying.

दिकसूचक सर्वेक्षण को समझाइये .

b) Write the difference between surveyor compass and prismatic compass.

सर्वेयर दिकसूचक और प्रिसमेटिक दिकसूचक के बीच अंतर लिखिए .

Course: -Surveying

Assignment No: II

Subject code: DAGE- 233

Submission Date: 10 November 2016

Instructions:

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD with in the due date.
3. Write your name ,programme and enrollment number clearly at the top of the Pages

Q.1

a) Differentiate between chain survey and compass survey.

जरीब सर्वेक्षण और दिक्सूचक सर्वेक्षण में अंतर लिखिए I

b) Define close traverse survey. Write the classification of close traverse survey.

बंद चक्रम सर्वेक्षण को परिभाषित कीजिये. बंद चक्रम सर्वेक्षण का वर्गीकरण लिखिए I

Q.2

a) What is leveling? Write the types of level. .

तलक्षण क्या होता है? लेवल के प्रकार लिखिए I

b) What is adjustment of level? Explain the types of adjustment of level.

लेवल का समंजन क्या होता है ? समंजन के प्रकारों को समझाइये I



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

Course : Diploma (Ag.Engg.)
Subject Name : Farm machinery & Power Engineering
Sub. Code : DAGE-234
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) How many types of Tractor used in Agriculture? Write down the different components of tractor with a suitable diagram.
- (b) Explain construction detail and working method of Mower with a suitable diagram? Describe also Registration and Alignment of cutter bar.

Q2.

- (a) How many types of seed drill? Describe the constructional details of a seed cum-fertilizer drill with a suitable diagram.
- (b) What do you mean about Plant protection Equipments? How many types of Plant protection Equipments? Explain Knapsack Sprayer with the help of a suitable diagram.