

University of Salahaddin
College of Agriculture Engineering
Science
Soil and Water Department



Subject: Agro meteorology
Class: 2nd Stage
Time: 1 Hours

Second Monthly Exam

Q1/ Answer those following question: (in details)

- 1. Classification of Ecology*
- 2. Describe Stevenson screen box*
- 3. Define Ecology and write the main key issue*
- 4. How can calculation of rainfall (25 Marks)*

Q2/ for the each of the following statements put (T) for True and (F) for False, and then correct the wrong answer: (5 ONLY)

- 1. Thermometer is an instrument used to measure relative humidity*
 - 2. Alcohol used in minimum thermometer for measuring temperature.*
 - 3. The units of cloud cover is Kilogram*
 - 4. Anemometer is used to measure soil moisture tension*
 - 5. Stevenson box should be placed about 1 meter under the ground*
 - 6. Magnesium element is used in experiment of air pressure measurement*
- (25Marks)*

Q3/ Answer those branches:

- A. Define rain gauge and what is the advantages of it? (10Marks)*
- B. Write the main types of soil moisture measurement and mention which one is laboratory method and which one is field method? (10Marks)*
- C. What is the main apparatus used to measure atmospheric weight, write the units of them? (10Marks)*

Q4/A/ what is the main types of rain gauge? and write the name of the common method used?

(10 Marks)

B/ compare between maximum and minimum thermometer?

(10 Marks)

GOOD LUCK

Asst. Lect. Muna Muhannad