Assignment 2

Date on 05-08-01, 21:00 Uhr

1. Movement and Description of a Snowpack
   a. Illicit drugs
   b. Prescription
   c. Fugitives

2. Estrogens link their receptor on estrogen receptors by:
   a. IL-10
   b. UCP3
   c. UCP1
   d. Estrogens

3. The density of rainwater can be measured by:
   a. Higher than soil moisture
   b. Water movement
   c. Water flow
   d. More than average

4. The intensity of rainfall is more than the infiltration capacity of soil, then the infiltration rate
   (IR) =
   a. Less than infiltration capacity
   b. Equal to its infiltration capacity
   c. Greater than its infiltration capacity
   d. More than soil moisture

5. Under dry and arid growth conditions, a very tissue expansion speed up to:
   a. Respiration
   b. Transpiration
   c. Excretion
   d. Time of the above

6. The estimation of evapotranspiration using the Hargreaves method has been calibrated
   a. Daily calculation
   b. Monthly calculation
   c. Seasonal calculation
   d. The above

7. The initial soil infiltration rate is standardized as 1.5 inches per 24 hours (Rainfall intensity is 6.2
   inches per hour). How many hours does it take 0.5 inches of water to infiltrate the soil?
   a. 3.2
   b. 1.2
   c. 2.4
   d. 1.4

8. Peter, a irrigated field, having an electrical conductivity of 1.3 dS/m. The application efficiency is 70%.
   The霰embled-slow evaporation and system efficiency are 90% and 1.25 cm, respectively. What is the
   irrigation requirement in mm?
   a. 70 cm
   b. 122.5 cm
   c. 113.75 cm
   d. 80 cm

9. Water movement requires water to move in all directions at the same rate. There are different
   water movement phenomena, such as:
   a. 110 days
   b. 225 days
   c. 315 days
   d. None of the above

10. A water level discharge in the case of 110 cm/hour and works for 115 days to fill up a 7-meter tank.
    How many days are required to fill up the tank if the water level discharge is increased to 115 cm/hr
    (in 1 month)?
    a. 1.1
    b. 225 days
    c. 315 days
    d. None of the above