Assignment 9

The due date for submitting this assignment has passed. DUE ON 2019-04-03, 23:59 IST.
As per our records you have not submitted this assignment.

1) Which one is physical soil degradation?

- a. Acidification
- b. Salinization
- c. Alkalization
- d. Soil erosion by wind

No, the answer is incorrect.
Score: 0
Accepted Answers:
d.

2) Types of soil erosion are-

- a. Sheet erosion
- b. Rill erosion
- c. Gully erosion
- d. All of these

No, the answer is incorrect.
Score: 0
Accepted Answers:
d.

3) Slow, downward movement of soil curving the trees is called

- a. Saltation
- b. Corrasion
- c. Wash
- d. Creep

No, the answer is incorrect.
Score: 0
Accepted Answers:
d.
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No, the answer is incorrect.
Score: 0
Accepted Answers:

4) USLE predicts the amount of soil lost by

1 point

a. Sheet erosion and gully erosion
b. Sheet erosion and rill erosion
c. Rill erosion and gully erosion
d. Sheet erosion, rill erosion and gully erosion

No, the answer is incorrect.
Score: 0
Accepted Answers:

5) R stands for

1 point

a. Soil erodibility
b. Slope length
c. Slope gradient
d. None of these

No, the answer is incorrect.
Score: 0
Accepted Answers:

6) The standard plot should be _____________ to reduce the erosion

1 point

a. 22 m long with 9% steepness
b. 220 m long with 0.9% steepness
c. 22 cm long with 9% steepness
d. None of these

No, the answer is incorrect.
Score: 0
7) To be considered, conservation tillage, a system must maintain enough plant residues or soil to cover at least _________ of the ground surface area.

   a. 25%
   b. 15%
   c. 30%
   d. 35%

   - a.
   - b.
   - c.
   - d.

   No, the answer is incorrect.

Score: 0

Accepted Answers:

8) In zero tillage, we provide up to _________ cover of the ground surface.

   a. 99%
   b. 100%
   c. 98%
   d. 90%

   - a.
   - b.
   - c.
   - d.

   No, the answer is incorrect.

Score: 0

Accepted Answers:

9) Conservation tillage can –

   1. Increases infiltration
   2. Reduces soil erosion
   3. Increases the use of herbicides.

Which one is correct?

   a. 1 & 2
   b. 2 & 3
   c. 1 & 3
   d. 1, 2 & 3

   - a.
   - b.
   - c.
   - d.

   No, the answer is incorrect.

Score: 0

Accepted Answers:
10. The process or processes of wind erosion
   a. Detachment and transportation
   b. Soil creep and transportation
   c. Soil creep and suspension
   d. Detachment, transportation and deposition

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   d.

11. Soil creep means-
   a. Jumping of the particles
   b. Rolling and sliding of the particles
   c. Movement of the soil particles with air
   d. Both a and b

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   b.

12. The wind erosion predicting equation is $E = f(L*C*K*T*L*V)$. What is $V$?
   a. Velocity of the wind
   b. Vegetative cover factor
   c. Vertical dispersion coefficient of wind
   d. None of these

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   b.

13. Synthetic organic chemicals which are unfamiliar to the living world is called
   a. Antibiotics
   b. Xenobiotics
   c. Chemobiotics
   d. None of these
14) Important process or processes affecting the dissipation of organic chemicals in soils:

1. Absorption and exudation
2. Photodecomposition
3. Volatilization
4. Chemical decomposition

Which one is correct?

a. 1
b. 1, 2, 3 & 4
c. 1 & 4.
d. 3

No, the answer is incorrect.
Score: 0
Accepted Answers:
b.

15) What is used to remove the organic matter from the soil?

a. Heat
b. H₂O
c. H₂O₂
d. Ca(OH)₂

No, the answer is incorrect.
Score: 0
Accepted Answers:
c.