Week 1 Assignment 1

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

Due on 2018-08-15, 23:59 IST.

1) Soil erosion by raindrops is called the
- (a) rill erosion
- (b) inter-rill erosion
- (c) splash erosion
- (d) sheet erosion

No, the answer is incorrect.
Score: 0
Accepted Answers:
(c) splash erosion

2) The admissible soil loss under normal condition lies in the range
- (a) $50 - 70 \frac{t}{ha/yr}$
- (b) $5 - 10 \frac{t}{ha/yr}$
- (c) $18 - 35 \frac{t}{ha/yr}$
- (d) $80 - 100 \frac{t}{ha/yr}$

No, the answer is incorrect.
Score: 0
Accepted Answers:  
(a) $50 - 70 \frac{t}{ha/yr}$
(d) both (b) & (c)

No, the answer is incorrect.
Score: 0
Accepted Answers:
(a) splash erosion

4) Soil detachment in porous soil is
(a) easier
(b) difficult
(c) no effect of porosity
(d) other than a,b,c

No, the answer is incorrect.
Score: 0
Accepted Answers:
(a) easier

5) Soil detachment of rainfall is independent of
(a) soil color
(b) land slope
(c) soil depth
(d) soil texture

No, the answer is incorrect.
Score: 0
Accepted Answers:
(a) soil color

6) The limit of slope length at which soil erosion begins is called as
(a) critical slope length
(b) optimum slope length
(c) allowable slope length
(d) none of the above

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

7) The soil type has a low detachability rate
(a) fine clay
(b) coarse sand
(c) silt loam
(d) organic manner

No, the answer is incorrect.
Score: 0
Accepted Answers:
(a) fine clay

8) Soil erosion is more in

1 point
9) Soil detachability increases as the

- (a) size of particle reduces
- (b) size of particle increases
- (c) impact angle of raindrop reduces
- (d) length of slope reduces

No, the answer is incorrect.
Score: 0
Accepted Answers:
(b) size of particle increases

10) The movement of soil particles having sizes in the range of 0.05 to 0.5 mm through a series of bounces is known as

- (a) Surface creep
- (b) Surface transportation
- (c) Saltation
- (d) Suspension

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