Unit 2 - 
Prerequisite

Assignment 0

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

Due on 2018-07-31, 23:59 IST.

1) Soil conservation can be best achieved by having:

- [ ] A. Wind screens
- [ ] B. Low rainfall
- [ ] C. Good plant covers
- [ ] D. Restricted human activity

No, the answer is incorrect.
Score: 0
Accepted Answers:
- C. Good plant covers

2) Fifth of June is celebrated as:

- [ ] A. Darwin's birthday
- [ ] B. World population day
- [ ] C. World environment day
- [ ] D. World health and hygiene day

No, the answer is incorrect.
Score: 0
Accepted Answers:
- C. World environment day

3) The removal of weeds by ploughing is called:

- [ ] A. Tilling
- [ ] B. Mulching

No, the answer is incorrect.
Score: 0
Accepted Answers:
- C. World environment day

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4) Soil conservation is the process where:

- A. Soil is aerated
- B. Soil erosion is allowed
- C. Soil is protected against loss
- D. Sterile soil is converted into fertile soil

No, the answer is incorrect.
Score: 0

Accepted Answers:
C. Soil is protected against loss

5) The dimension of manning's roughness coefficient is:

- A. \( L^{-1/3} T \)
- B. \( L^{-1/6} \)
- C. \( L^{-1/6} \)
- D. \( T \)

No, the answer is incorrect.
Score: 0

Accepted Answers:
A. \( L^{-1/3} T \)

6) The most efficient cross section from hydraulic point of view is:

- A. Semi circular
- B. Parabolic
- C. Trapezoidal
- D. Triangular

No, the answer is incorrect.
Score: 0

Accepted Answers:
A. Semi circular

7) Match the following expressions

- i) Coefficient of uniformity
- ii) Salutation
- iii) Hydraulic jump
- iv) Seepage
- b) Phreatic line
- c) Critical flow
- d) Sprinkler irrigation
- e) Wind erosion

- i)+d; ii)+e; iii)+c; iv)+b
- i)+b; ii)+c; iii)+d; iv)+e
- i)+e; ii)+d; iii)+c; iv)+b
- i)+d; ii)+e; iii)+b; iv)+c

No, the answer is incorrect.
Score: 0

Accepted Answers:

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
i)+d; ii)+e; iii)+c; iv)+b

8) A rainfall of 5.0 mm recorded between 14 h and 14 h 15 min has occurred with an intensity 1 point of 
   
   - A. 5 mm/h  
   - B. 10 mm/h  
   - C. 20 mm/h  
   - D. 50 mm/h  

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
C. 20 mm/h

9) In a soil if the porosity is 0.2, the void ratio will be 1 point  
   
   - A. 0.2  
   - B. 0.25  
   - C. 0.75  
   - D. 0.8

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
B. 0.25

10) A trapezoidal channel has a bottom width of 1 m, side slope 1:1 and depth 1 m. Its cross-sectional area will be 1 point  
   
   - A. $1 \text{ m}^2$  
   - B. $2 \text{ m}^2$  
   - C. $\sqrt{2} \text{ m}^2$  
   - D. $4 \text{ m}^2$

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
B. $2 \text{ m}^2$