Assignment 4

Due on 2020-02-26, 23:59 IST.

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

1. Which of the following get expelled in the composting process?

- Minerals
- Air
- Water
- Bins and c

No, the answer is incorrect.
Score: 0
Accepted Answers:
- All of the above

2. What of the following ingredients will not occur during agricultural activities?

- Soil chemical
- Soil structural
- Soil thermal
- None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
- None of the above

3. Which of the following effects are ignored in the classical theories of geotechnical engineering?

- Chemical
- Thermal
- Hydric
- All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
- All of the above

4. Which of the following soils will exhibit higher specific surface area?

- Presence of various grain sizes
- Homogenous mineralogy
- Presence of contamination
- Difficult to comment

No, the answer is incorrect.
Score: 0
Accepted Answers:
- Difficult to comment

5. The cation exchange capacity of soils will mainly get influenced by:

- Specific surface area
- Types of cations
- Surface features
- All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
- All of the above

6. Which of the following soils would exhibit lesser specific surface area?

- Clay of high plasticity
- Silty clay
- Clean sands
- Contaminated soils at 45, 50, 60

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

7. Match the following:

- Baked plasters and salt mass
- Saline intrusions
- Preparation of carbonic acid
- Deposition of plume is air
- a) Land-air
- b) Saline
- c) Gas-air

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

8. Match the following:

- Soil with 50-
- Salt with 5-
- Learners
- Partially saturated soil
- a) Two-phase system
- b) Three-phase system
- c) Soil-gas interaction
- o, a, b

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

9. Which of the following statements are incorrect?

- Compaction increases the density and voids ratio of the soils
- Compaction of granular soils might lead to particle crushing
- Expansion of air, water, from the soils leads to increase in the dry density of soils
- The same dry density can be obtained at different moisture contents

No, the answer is incorrect.
Score: 0
Accepted Answers:
- Compaction increases the density and voids ratio of the soils

Exclusion of a, only, from the soils leads to increase in the dry density of soils