

Unit 3 - Week 1

Course outline
How does an NPTEL online course work?
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Week 1
<ul style="list-style-type: none"> <input checked="" type="radio"/> Lecture 01: Evolution of Soil Chemistry <input checked="" type="radio"/> Lecture 02: Evolution of Soil Chemistry (Contd.) <input type="radio"/> Lecture 03 : Evolution of Soil Chemistry (Contd.) <input checked="" type="radio"/> Lecture 04 : Evolution of Soil Chemistry (Contd.) <input type="radio"/> Lecture 05 : Evolution of Soil Chemistry (Contd.) <input checked="" type="radio"/> Lecture Material For Week 1 <input type="radio"/> Quiz : Assignment 1 <input type="radio"/> Week 1 Feedback Form
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Assignment 1

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

Due on 2020-09-30, 23:59 IST.

- 1) Soil chemistry is mainly focused on? 1 point
- a. Biological reactions in soil that affects plant growth
b. Chemical reactions in soil that affects plant growth and plant nutrition
c. Bio-chemical reactions in soil that affects plant growth and development
d. All of these
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b.
- 2) Acid rain damages the ancient structures made of _____? 1 point
- a. Granite
b. Marble
c. Concrete
d. Glass
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b.
- 3) What is hypoxia ? 1 point
- a. Low levels of oxygen in soil
b. High levels of oxygen in soil
c. Low levels of oxygen dissolved in water
d. High levels of oxygen dissolved in water
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c.
- 4) Which one is not an inorganic pollutant? 1 point
- a. Pb
b. As
c. Hg
d. Mg
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
d.
- 5) Which one is not a source of inorganic toxic pollutant? 1 point
- a. Fertilizers
b. Pesticides
c. Crop residues
d. Rock and minerals
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c.
- 6) Which one is not the non-point source? 1 point
- a. Agricultural field
b. Septic tank
c. Urban construction
d. Mining activity
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b.
- 7) The source of Arsenic in water - 1 point
- a. Industrial waste
b. Fertilizers
c. Phosphate rocks
d. All of the above
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
d.
- 8) Pesticides comprise? 1 point
- a. Herbicides and insecticides
b. Insecticides
c. Insecticides, nematicides and rodenticides
d. Fungicides, herbicides, insecticides, nematicides and rodenticides.
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
d.
- 9) Select the correct answer.
Hazardous heavy metals are- 1 point
- a. Ca and Mg
b. N and P
c. C and H
d. Pb and Cd
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
d.
- 10) Which is not considered as a source of trace elements in the soils? 1 point
- a. Trees
b. Soil parent material
c. Fertilizers
d. Irrigation water
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
a.
- 11) Which metalloid causes toxicity to human through drinking water? 1 point
- a. Pb
b. As
c. N
d. Mg
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b.
- 12) Which one is not an in-situ technique of soil decontamination? 1 point
- a. Volatilization
b. Land treatment
c. Bioremediation
d. Phytoremediation
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b.
- 13) Volatilization is appropriate for- 1 point
- a. Solid pollutants
b. Liquid pollutants
c. Petroleum hydrocarbons
d. Pb remediation
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c.
- 14) Which treatment requires high temperature? 1 point
- a. Land treatment
b. Excavation
c. Incineration
d. None of these
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c.
- 15) Select the correct option:
Plant which can be used for phytoremediation - 1 point
- a. Potato
b. Mustard
c. Pea
d. Ginger
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b.