

## **Plants for Food and Fibre Practice Quiz Topic 5 - Sustaining the Soil**

1. It has been raining for two weeks straight. There is too much moisture in the soil and the process of decomposition cannot take place. Organic matter does not decompose, but collects at the surface of the soil. The primary reason that decomposition of the organic matter cannot occur is because the soil lacks enough ...

**oxygen**

**carbon dioxide**

**decomposers**

**heat**

2. Healthy plants require large amounts of six nutrients. All of these nutrients have specialized functions. Fertilizer usually contains three of the six nutrients, including ...

**nitrogen, potassium, sulfur**

**phosphorus, calcium, calcium**

**potassium, nitrogen, phosphorus**

**magnesium, potassium, calcium**

3. Salinization of the soil is just as troublesome as dry soil. The soil is less able to grow crops because of two factors, which are ...

**not enough moisture and too much vegetation**

**too much moisture and not enough vegetation**

**too much evaporation and too much vegetation**

**excess ground water and too much vegetation**

4. The practice of cultivating land to control weeds, without planting crops is called ...  
**fall tillage**

**summer fallow**

**spring irrigation**

**wintering crops**

5. Many farming practices are used to save the soil from excess erosion. Planting trees or shrubs along the edges of field is one such practice. The purpose behind this is to ...  
**provide travel corridors for water**

**enhance crop rotation**

**plant the seeds through the stubble**

**reduce wind damage and trap snow**

Check [Answers](#)

## **Plants for Food and Fibre Practice Quiz (Answers)**

### **Topic 5 - Sustaining the Soil**

1. It has been raining for two weeks straight. There is too much moisture in the soil and the process of decomposition cannot take place. Organic matter does not decompose, but collects at the surface of the soil. The primary reason that decomposition of the organic matter cannot occur is because the soil lacks enough ...

**oxygen (Text p. 150) Figure 2.56C**

**carbon dioxide**

**decomposers**

**heat**

2. Healthy plants require large amounts of six nutrients. All of these nutrients have specialized functions. Fertilizer usually contains three of the six nutrients, including ...

**nitrogen, potassium, sulfur**

**phosphorus, calcium, calcium**

**potassium, nitrogen, phosphorus (Text p. 155)**

**magnesium, potassium, calcium**

3. Salinization of the soil is just as troublesome as dry soil. The soil is less able to grow crops because of two factors, which are ...

**not enough moisture and too much vegetation**

**too much moisture and not enough vegetation (Text p. 156)**

**too much evaporation and too much vegetation**

**excess ground water and too much vegetation**

4. The practice of cultivating land to control weeds, without planting crops is called ...  
**fall tillage**

**summer fallow (Text p. 157)**

**spring irrigation**

**wintering crops**

5. Many farming practices are used to save the soil from excess erosion. Planting trees or shrubs along the edges of field is one such practice. The purpose behind this is to ...  
**provide travel corridors for water**

**enhance crop rotation**

**plant the seeds through the stubble**

**reduce wind damage and trap snow (Text p. 159) Figure 2.64A**