

## **Plants for Food and Fibre Practice Quiz Topic 2 - Structure and Adaptations**

1. The roots of a plant perform several important functions, including all of the following EXCEPT ...

  - transpire water from their fibres**
  - support and anchor the plant**
  - absorb water and minerals**
  - store food**
2. Root crops are those types of crops that grow in a very short period of time and can survive when there is little rainfall. Another important quality which makes them an important part of the world's vegetable diet is that they ...

  - are very tasty**
  - they can be frozen easily**
  - they can be stored for a long time**
  - are easily harvested**
3. Diffusion is the tendency of particles in a gas or a liquid to become ...

  - less concentrated, in areas of high concentration**
  - highly concentrated, in areas of low concentration**
  - evenly distributed, by moving from an area of low concentration**
  - evenly distributed, by moving from an area of high concentration**

4. Stems have different functions. They are used for support, to transport water and nutrients between the leaves and roots and they can store food. These stems are stems that grow underground ...

**runners**

**rhizomes**

**cuticle**

**corms**

5. The leaves are the plants food factories. During the day, the plant uses carbon dioxide and water. When there is no light, the plant releases carbon dioxide and takes in oxygen. This process is called ...

**photosynthesis**

**transpiration**

**respiration**

**osmosis**

**Check [Answers](#)**

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

### **Topic 2 - Structure and Adaptations**

1. The roots of a plant perform several important functions, including all of the following EXCEPT ...

  - transpire water from their fibres (Text p. 105) Leaves transpire - release water**
  - support and anchor the plant**
  - absorb water and minerals**
  - store food**
2. Root crops are those types of crops that grow in a very short period of time and can survive when there is little rainfall. Another important quality which makes them an important part of the world's vegetable diet is that they ...

  - are very tasty**
  - they can be frozen easily**
  - they can be stored for a long time (Text p. 106) Figure 2.16**
  - are easily harvested**
3. Diffusion is the tendency of particles in a gas or a liquid to become ...

  - less concentrated, in areas of high concentration**
  - highly concentrated, in areas of low concentration**
  - evenly distributed, by moving from an area of low concentration**
  - evenly distributed, by moving from an area of high concentration (Text p. 107)**

4. Stems have different functions. They are used for support, to transport water and nutrients between the leaves and roots and they can store food. These stems are stems that grow underground ...

**runners**

**rhizomes**

**cuticle**

**corms (Text p. 109) Figure 2.20B**

5. The leaves are the plants food factories. During the day, the plant uses carbon dioxide and water. When there is no light, the plant releases carbon dioxide and takes in oxygen. This process is called ...

**photosynthesis**

**transpiration**

**respiration (Text p. 111)**

**osmosis**