Organismal Biology

10. Nutrient Procurement and Processing

PART 1 Plant Nutrition

QUIZ

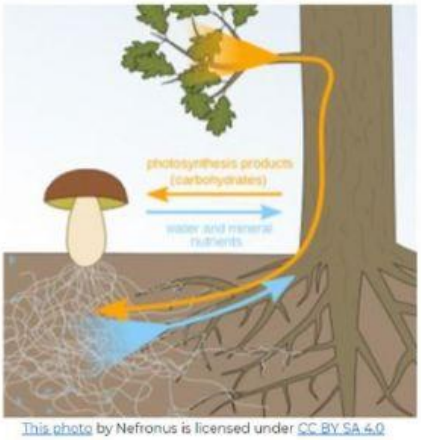
Name:

Grade & Section

LIVEWORKSHEETS

Multiple Choice

Select the correct answer.



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These structures promote symbiosis except:

A. mycorrhizae

B. root nodules

C. haustoria

D. none of the above

Matching Type

Match the items in Column A to those in Column B.

A	B
Root hairs	Symplast route
Plasmodesmata	more SA for absorption
Plant cell wall	nitrogen fixation to soil
Root nodules	Symbiosis with fungi
Mycorrhizae	Apoplast route

LIVEWORKSHEETS

Multiple Choice

Select the correct answer.

In acidic or sandy soils, these are usually deficient except

A. nitrogen

B. potassium

C. magnesium

D. calcium

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Multiple Choice

Select all possible answers.

Which among the following are micronutrients?

A. sulfur

B. boron

C. lead

D. silicon

LIVEWORKSHEETS

Multiple Choice

Select the correct answer.

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The symptom when leaves turn pale or yellow is called

A. chlorosis

B. mottling

C. browning

D. Two of the above

Multiple Choice

Select all possible answers.

The following are true about macronutrients except

A. Macronutrients are needed by plants in huge doses.

B. Oxygen is technically a macronutrient.

C. Macronutrients are 50% of a plant's dry weight.

D. Nitrogen, Potassium and Phosphorus (NPK) are the most essential among the macronutrients.

LIVEWORKSHEETS

True or False

Select if True or False.

Water and oxygen from the environment are essential for plant survival and photosynthesis.

TRUE

FALSE

Matching Type

Match the items in Column A to those in Column B.

A	B
Symbionts	the host does not benefit
Predators	chemosynthetic bacteria
Autotrophs	animals, microbes and fungi
Parasites	mutually beneficial ties
Heterotrophs	enzymes digest the insect

LIVEWORKSHEETS

Multiple Choice

Select the correct answer.

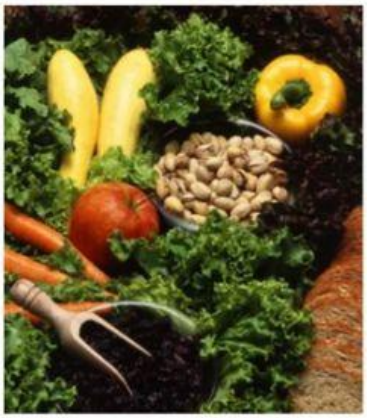
The science that deals with how nutrients are absorbed.

A. homeostasis

B. physiology

C. nutrition

D. biochemistry



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Multiple Choice

Select all correct answers.

Modified plant structures for predation include

A. haustoria

B. mycorrhizae

C. traps

D. pitchers

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