



BIOLOGY

BOOKS - SUPER COMPANION 5 IN 1

MINERAL NUTRITION

One Marks Questions And Answers

1. Name a plant which accumulates silica.

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2. Mycorrhiza is a mutualistic association. How do the organisms involved in this association gain from each other ?



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3. Name a insectivorous angiosperm.



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4. A farmer adds azotobacter culture to soil before sowing Maize. Which mineral element is being replenished ?



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5. Name the macronutrient which is a component of all organic compounds, but is not obtained from the soil.



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6. Name one non-symbiotic nitrogen fixing prokaryote.



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7. Rice fields produce an important green house gas. Name it.



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Two Marks Questions And Answers

1. All the elements that are present in a plant, need not be essential to its survival'.

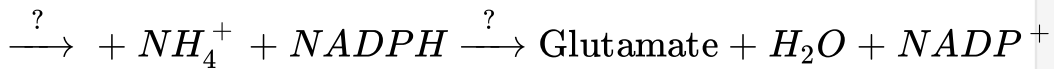


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2. Why is it that in certain plants deficiency symptoms appear first in younger parts of the plant while in others they do so in mature organs?

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3. Complete the equation for reductive amination.



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4. How is sulphur important for plants ? Name the amino acids in which it is present.

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5. Name the most crucial enzyme found in root nodules for N_2 fixation ? Does it require a special pink coloured pigment for its functioning ? Elaborate.

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Three Marks Questions And Answers

1. How are the minerals absorbed by the plants ?

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2. What are the conditions necessary for fixation of atmospheric nitrogen by Rhizobium. What is their role in N_2 fixation ?

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Five Marks Questions And Answers

1. Explain with examples : macronutrients, micronutrients, beneficial nutrients, toxic elements and essential elements.



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2. What are the steps involved in the formation of a root nodule ?



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