



# BIOLOGY

## NCERT - FULL MARKS BIOLOGY(TAMIL)

### MINERAL NUTRITION

**Evaluation**

## 1. Identify correct match.

1. Die back disease of citrus - (i) Mo
2. Whip tail disease - (ii) Zn
3. Brown heart of turnip - (iii) Cu
4. Little leaf - (iv) B

A. 1 (iii) 2 (ii) 3 (iv) 4 (i)

B. 1 (iii) 2 (i) 3 (iv) 4 (ii)

C. 1 (i) 2 (iii) 3 (ii) 4 (iv)

D. 1 (iii) 2 (iv) 3 (ii) 4 (i)

**Answer:**



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2. If a plant is provided with all mineral nutrients but, Mn concentration is increased, what will be the deficiency?

- A. Mn prevent the uptake of Fe, Mg but not Ca
- B. Mn increase the uptake of Fe, Mg and Ca
- C. Only increase the uptake of Ca
- D. Prevent the uptake Fe, Mg, and Ca

**Answer:**



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**3. The element which is not remobilized?**

A. Phosphorous

B. Potassium

C. Potassium

D. Nitrogen

**Answer:**



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4. Match the correct combination.

	Minerals		Role
A	Molybdenum	1	Chlorophyll
B	Zinc	2	Methionine
C	Magnesium	3	Auxin
D	Sulphur	4	Nitrogenase

A. A-1 B-3 C-4 D-2

B. A-2 B-1 C-3 D-4

C. A-4 B-3 C-1 D-2

D. A-4 B-2 C-1 D-3

**Answer:**



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**5. Identify the correct statement**

(i) sulphur is essential for amino acids cystine and methionine

(ii) low level of N , K ,S and Mo affect the cell division

(iii) Non -leguminous plant Alnus which

contain bacterium frankia

(iv) Denitrification carried out by nitrosomonas and nitrobacter .

A. I, II are correct

B. I, II, III are correct

C. I only correct

D. all are correct

**Answer:**



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6. The nitrogen is present in the atmosphere in huge amount but plants fail to utilize it .  
Why ?



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7. Why is that in certain plants deficiency symptoms appear first in parts of the plants while in others, they do so in mature organs?



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8. Plant A in a nutrient medium shows whiptail disease. Plant B in a nutrient medium shows a Little leaf disease. Identify mineral deficiency of plant A and B ?



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9. Write the role of nitrogenase enzyme in nitrogen fixation?



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**10.** Explain the insectivorous mode of nutrition in angiosperms?



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