NEET 2016

1. In which of the following, all three are macronutrients?
2. Iron, Copper and Molybdenum
3. Molybdenum, Magnesium and Manganese
4. Nitrogen, Magnesium and Phosphorus
5. Boron, Zinc and Manganese

Answer- c. Nitrogen, Magnesium and Phosphorus [Refer page 196; Section 12.2.1; (NCERT 2021-22)]

1. Which is essential for the growth of root tip?
2. Zn
3. Fe
4. Ca
5. Mn

Answer- c. Ca

Calcium is required by meristematic and differentiating tissues. [Refer page 197; Section 12.2.2; (NCERT 2021-22)]

NEET 2017

1. Select the mismatch:
2. Rhodospirillum – Mycorrhiza
3. Anabaena – Nitrogen fixer
4. Rhizobium – Alfalfa
5. Frankia – Alnus

Answer- a. Rhodospirillum – Mycorrhiza [Refer page 202; Section 12.6.2; (NCERT 2021-22)]

NEET 2018

1. In which of the following forms iron is absorbed by plants?
2. Ferric
3. Ferrous
4. Free element
5. Both ferric and ferrous

Answer- a. Ferric

Plants obtain iron in the form of ferric ions (Fe3+). [Refer page 197; Section 12.2.2; (NCERT 2021-22)]

1. Which of the following elements is responsible for maintaining turgor in cells?
2. Magnesium
3. Sodium
4. Potassium
5. Calcium

Answer- c. Potassium

Potassium helps to maintain an anion-cation balance in cells and is involved in protein synthesis, opening and closing of stomata, activation of enzymes and in the maintenance of the turgidity of cells. [Refer page 197; Section 12.2.2; (NCERT 2021-22)]