21. Nitrogenase enzyme needs an essential element as ions for its activity. Which of the following is it?

1. Mg
2. Zn
3. Mo
4. Ca

Answer - c. Mo

22. Which of the following element is important for the opening and closing of stomata?

1. P
2. S
3. Mn
4. K

Answer - d. K

23. Nitrogenase is an enzyme used in:

1. Respiration
2. Nitrogen metabolism
3. Photosynthesis
4. All of these

Answer - b. Nitrogen metabolism

24. Essential elements perform which of the following functions:

1. Enzymatic, permeability of cell membrane
2. Maintenance of osmotic concentration of cell sap
3. Buffering action, electron transport systems
4. All of these

Answer - d. All of these

25. Role of essential elements in opening and closing of stomata is:

1. Water absorption
2. Food absorptrion
3. Alter osmotic potential
4. None of these

Answer - c. Alter osmotic potential