31. Potassium is required in abundance in which parts of the plants?

1. Root tips
2. Buds and leaves
3. Meristematic tissues
4. All of these

Answer - d. All of these

32. Potassium is absorbed as:

1. Potassium sulfate
2. Potassium chloride
3. Potassium nitrate
4. Potassium ions

Answer - d. Potassium ions

33. Which of the following functions are performed by potassium in plants?

i) maintain anion-cation balance in the cells

ii) phosphorylation reactions

iii) protein synthesis

iv) opening and closing of stomata

v) activation of enzymes and turgidity of cell maintenance

1. All of these
2. i), iii), iv), v)
3. i), ii), iii), v)
4. none of these

Answer - b. i), iii), iv), v)

34. Which of the following is the role of calcium in plants?

1. Involved in normal functioning of the cell membrane
2. Activates certain enzymes and components of middle lamella
3. Needed during spindle formation
4. All of these

Answer - d. All of these

35. Calcium pectate is a constituent of:

1. Middle lamella
2. Cortex
3. Epidermis
4. Pericycle

Answer - a. Middle lamella