



PARISHRAMA NEET ACADEMY

TARGET NEET - 2022

BIOLOGY

TOPIC: MINERAL NUTRITION

61. Which of the following is a group of micronutrients for plants?
- (1) Fe, Mn, Cu, Mo, Zn
 - (2) Fe, Mn, Cu, O, C
 - (3) Cu, B, Cl, Fe, Ca
 - (4) Ca, Mg, Fe
62. Which of the following is not a role played by potassium in plant growth?
- (1) Translocation of carbohydrates
 - (2) Maintaining anion-cation balance
 - (3) Opening and closing of stomata
 - (4) Synthesis of protein
 - (4) Maintaining turgidity of cells
63. The oxygen evolved during photosynthesis, comes from water molecules. Which one of the following pairs of elements is involved in this reaction?
- (1) Magnesium and molybdenum
 - (2) Magnesium and chlorine
 - (3) Manganese and chlorine
 - (4) Manganese and potassium
64. **Assertion:** Soil particles, particularly clay and organic matter in soil, contain negative charges that attract positively-charged ions such as Ca^{++} , K^+ and Mg^{++}
Reason: Essential elements derived from soil are termed as mineral elements while those derived from air or water are known as non-mineral elements.
- (1) Both assertion and reason are true and reason is the correct explanation of assertion
 - (2) Both assertion and reason are true but reason is not the correct explanation of assertion
 - (3) Assertion is true but reason is false
 - (4) Both assertion and reason are false
65. 'Die back' disease is caused by the deficiency of
- (1) zinc
 - (2) copper
 - (3) manganese
 - (4) boron
66. Which one of the following is not a micronutrient for plants?
- (1) Magnesium
 - (2) Molybdenum
 - (3) Boron
 - (4) Zinc
67. One mineral is used in cation-anion exchange and the other for organization of mitotic spindle. The minerals are respectively.
- (1) Ca^{2+} and Mg^{2+}
 - (2) Mg^{2+} and Ca^{2+}
 - (3) K^+ and Ca^{2+}
 - (4) Ca^{2+} and K^+

68. The element responsible for the ring structure of chlorophyll and maintenance of ribosome structure is

- (1) Ca^{++} (2) Mg^+
(3) S (4) K^+

69. Match the column I with that of column II and choose the correct combination from the options given

Column I (Essential elements)		Column II (Deficiency causes)	
A.	N, K, Mg, S, Fe, Mn, Zn and Mo	(i)	Alcohol dehydrogenase
B.	N, K, S and Mo	(ii)	Necrosis
C.	Ca, Mg, Cu and K	(iii)	Delay in flowering
D.	N, S and Mo	(iv)	Chlorosis

70. Necrosis (die-back) of the tip of young leaves is caused due to the deficiency of

- (1) iron (2) manganese
(3) zinc (4) copper