

- a) Rice
c) Coconut
- b) Wheat
d) Maize
- (xi) Who proposed the criteria of essentiality
- a) Arnon and Stout (1939)
c) Nicholas (1961)
- b) Arnon (1954)
d) Sachs (1882)
- (xii) Select the number of essential elements required for plant growth and development
- a) 16
c) 20
- b) 17
d) 21
- (xiii) which element is immobile in plant
- a) Ca
c) only 2
- b) B
d) Both 1 and 2
- (xiv) Which nutrient show the hidden hunger symptoms in plants
- a) N
c) K
- b) P
d) Ca
- (xv) Which nutrient show the luxury consumption in plants
- a) N
c) K
- b) P
d) Ca
- (xvi) Buttoning of cauliflower is caused by which nutrient
- a) N
c) K
- b) P
d) Ca
- (xvii) which nutrient deficiency causes Red purple colouration of leaves
- a) N
c) K
- b) P
d) Ca
- (xviii) which nutrients are secondary nutrients
- a) Ca
c) S
- b) Mg
d) all of these
- (xix) Which element is essential constituent of chlorophyll
- a) Ca
c) S
- b) Mg
d) all of these
- (xx) What is the cause of Akiochi disease of rice
- a) Deficiency of S
c) Deficiency of Fe
- b) Toxicity of H₂S
d) None of these

Group-B

(Short Answer Type Questions)

2.5 x
10=25

2. What is Mixed fertilizers (2.5)
3. Explain the classification of weeds (2.5)
4. What is Mixed fertilizers (2.5)
5. Define the term Agronomy (2.5)
6. Name the different agroclimatic zone of West Bengal (2.5)
7. What are the different method of sowing (2.5)
8. Explain the different depth of ploughing for different tillage operation (2.5)
9. Classify the essential element on the basis of amount required by plants (2.5)
10. Describe green manure (2.5)
11. Describe the classification of phosphatic fertilizer (2.5)

OR

What is FYM (2.5)

Group-C

(Long Answer Type Questions)

5 x 1=5

12. What are the criteria for essentiality (5)

OR

Discuss about the physical method of weed control

(5)
