

1. Which element is essential for the synthesis of chlorophyll?

- A. Iron
- B. Zinc
- C. Magnesium
- D. Copper

Answer: C. Magnesium

2. What is the botanical name of wheat?

- A. Zea mays
- B. Oryza sativa
- C. Triticum aestivum
- D. Hordeum vulgare

Answer: C. Triticum aestivum

3. Which type of irrigation is most suitable for arid regions?

- A. Sprinkler irrigation
- B. Drip irrigation
- C. Furrow irrigation
- D. Surface irrigation

Answer: B. Drip irrigation

4. Which nitrogenous fertilizer contains the highest percentage of nitrogen?

- A. Ammonium sulphate
- B. Calcium ammonium nitrate
- C. Urea
- D. Ammonium nitrate

Answer: C. Urea

5. Which disease is caused by the deficiency of zinc in plants?

- A. Little leaf
- B. Khaira disease
- C. Leaf curl
- D. Tundu disease

Answer: B. Khaira disease

6. Who is known as the father of Green Revolution in India?

- A. M.S. Swaminathan
- B. Norman Borlaug
- C. Verghese Kurien
- D. C. Subramaniam

Answer: A. M.S. Swaminathan

7. What is the optimum temperature for wheat germination?

- A. 10–15°C
- B. 20–25°C
- C. 25–30°C
- D. 5–10°C

Answer: A. 10–15°C

8. Rhizobium bacteria help in fixing which nutrient in leguminous plants?

- A. Phosphorus
- B. Potassium
- C. Nitrogen
- D. Iron

Answer: C. Nitrogen

9. The practice of growing two or more crops in the same field simultaneously is known as:

- A. Mixed cropping
- B. Intercropping
- C. Crop rotation
- D. Ratooning

Answer: A. Mixed cropping

10. The most suitable soil for cotton cultivation is:

- A. Red soil
- B. Alluvial soil
- C. Black soil
- D. Laterite soil

Answer: C. Black soil