1. Which scientist demonstrated for the first time that plants could be grown to maturity in a defined nutrient solution in complete absence of soil and in which year?
2. Julius von Sachs, 1860
3. Berjeinik, 1960
4. Stephen Hales, 1860
5. Gardener, 1862

Answer- a. Julius von Sachs, 1860

1. Technique of growing plants in nutrients solution in the absence of soil is called:
2. Hygroponics
3. Hydroponics
4. Hyperponics
5. Aquaponics

Answer- b. Hydroponics

1. Hydroponics technique helps in:
2. Deficiency symptoms
3. Identification of essential elements in plants
4. Both a and b
5. Identification of sound wavelength helpful in growth of plants

Answer- c. Both a and b

1. How many elements are found in plants
2. Around 75
3. Around 60
4. Around 50
5. Around 10

Answer- b. Around 60

1. Macronutrients are present in plant tissues in amount:
2. >10 mol Kg-1 of dry matter
3. >10 mmol Kg-1 of dry matter
4. <10 mmol Kg-1 of dry matter
5. None of these

Answer- b. >10 mmol Kg-1 of dry matter