

ANSWER KEY

UNIT 1: Introduction to Microirrigation

Session 1: Microirrigation Systems

A. Multiple Choice Questions

1. (a)
2. (b)
3. (b)
4. (c)

B. Fill in the Blanks

1. bubbler
2. water
3. drip
4. pressurised

C. State True or false

1. True
2. False
3. False

Session 2: Land Gradient and Suitability of Irrigation System

A. Multiple Choice Questions

1. (d)
2. (a)

B. Fill in the Blanks

1. sandy
2. winds
3. sediment
4. labour
5. land
6. drip
7. water

C. State True or false

1. False
2. False
3. True

Session 3: Design and Layout of Microirrigation System

A. Multiple Choice Questions

1. (a)
2. (c)
3. (a)

B. Fill in the Blanks

1. control
2. pressure
3. screen

C. Match the Columns

1. (d)
2. (c)
3. (e)
4. (a)
5. (b)

D. 1. Write the full forms of the following

- (i) psi = pounds per square inch
- (ii) lph = litres per hour
- (iii) lps = litres per second
- (iv) gpm = gallons per minute

UNIT 2: Installation of Sprinkler Irrigation System

Session 1: Installation of Components in Sprinkler Irrigation System

A. Multiple Choice Questions

1. (d)
2. (b)
3. (d)

B. Fill in the Blanks

1. Poly
2. Density
3. Linear
4. 63
5. 10

C. State True or False

1. True
2. False
3. True
4. True
5. False

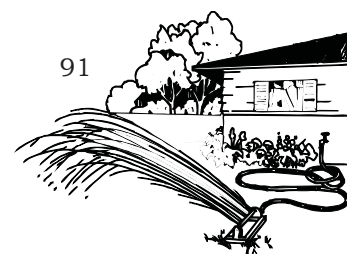
Session 2: Tools and Material for Installation of Sprinkler Irrigation System

A. Fill in the Blanks

1. screwdriver
2. thermoplastic
3. Teflon tape
4. hacksaw

B. State True or False

1. False
2. False
3. True



Session 3: Classification and Suitability of Pumps

A. Fill in the Blanks

1. piston
2. electromechanical
3. electrical
4. shims
5. hydraulic

B. State True or false

1. False
2. True
3. True

UNIT 3: Operation and Maintenance of Microirrigation System

Session 1: Operation and Monitoring of Sprinkler Irrigation System

A. Fill in the Blanks

1. metered
2. risers
3. overlap
4. oil

Session 2: Maintenance of Sprinkler Irrigation System

A. Multiple Choice Questions

1. (a)
2. (c)

B. Fill in the Blanks

1. pushed
2. water
3. metal
4. filters

Session 3 Maintenance of Drip Irrigation System

A Multiple Choice Questions

1. (c)
2. (b)

B. Fill in the Blanks

1. pressurisation, clogging
2. valve
3. velocity
4. pressure



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