

Hemchandracharya North Gujarat University
Community College
Advance Diploma in Agriculture and Soil Science
Semester-I
End term Examination, December-2018
Subject Code: - AS- 104
Subject: - Irrigation and water management

Time: 2 hrs

Date: 13/12/2018

Marks: 40

Q.1 Answer any 10 MCQ questions. Each question carries 1 mark.

[10*1=10]

1. _____ is a not source of surface irrigation.
[A] Tube well [B] Pond
[C] River [D] lake
2. _____ is artificial Source of Irrigation water.
[A]River [B] Rain
[C]Sea [D]Dam
3. The leaves of plant contain _____ % of water.
[A]35 to 95 % [B] 70 to 90 %
[C] 60 to 90% [D] None of these
4. _____ is a carrier of transportation of nutrient from roots to shoots.
[A] Water [B] Sunlight
[C] Oil [D] None of these
5. _____ increase weeds population.
[A]Irrigation [B] Fertigation
[C]Crop [D]None of these
6. _____ regulates temperature and thermal regulation in plant.
[A]Water [B]Nutrient
[C]Soil [D]All of these
7. _____ irrigation method is suitable for irrigation in garden lawn.
[A] Ring basin [B] Drip irrigation
[C] Sprinkler irrigation [D] None of these
8. Irrigation Provide assurance against _____.
[A]Crop Production [B] Crop Protection
[C] Crop Improvement [D]None of these
9. In which method pesticide and fertilizer application is very easy?
[A] Sprinkler Irrigation method [B] Drip Irrigation method
[C] Pitcher method [D] A & B both
10. Which irrigation method is invented by farmer of Rajasthan?
[A] Flood Method [B] Pitcher method
[C] Funnel Method [D] Bubbler Method

Q.2 Answer any 4 questions. Each question carries 05 marks.

[4*5=20]

1. Write down the advantages of drip and sprinkler irrigation method.
2. Write down the Flood and Basin method with figure.
3. Write down the importance of irrigation management
4. Write down the classification of quality irrigation water.
5. Write down the irrigation methods any 3 with figure.

Q.3 Answer any one. Each question carries 10 marks.

[1*10=10]

1. Write down the advantages and disadvantages of irrigation
2. Write down the drip irrigation system in detail