

Pramukh Swami Science and H.D.Patel Arts College, Kadi  
CC-Agriculture and Soil Sciences  
Internal Examination Semester III  
AS- 104

Title of paper: IRRIGATION WATER MANAGEMENT.

Time: 2 hrs

Date: 11/11/2016

Marks: 40

Q.1 Answer any 10 MCQ questions. Each question carries 1 mark. [10\*1=10]

1. Which instrument is used in fertigation method?

[A] Sprinkler

[B] Dripper

[C] Fogger

[D] Venchury

2. Major source of irrigated water.

[A] Underground water

[B] Rain Water

[C] Dam

[D] Canals

3. Application of fertilizer with irrigated water is called \_\_\_\_\_.

[A] Irrigation

[B] Broadcasting

[C] Fertigation

[D] Topdressing

4. Percentage of Nitrogen in DAP Fertilizer.

[A] 18%

[B] 62%

[C] 46%

[D] 50%

5. Which is a micro nutrient for field crop?

[A] P

[B] N

[C] A & B

[D] None of these

6. Which country is invented micro irrigation system?

[A] India

[B] USA

[C] China

[D] Israel

7. Which fertilizer is water soluble?

[A] Urea

[B] DAP

[C] A & B

[D] None of these

8. Covering of the soil is called \_\_\_\_\_.

[A] Irrigation

[B] Mulching

[C] Fertigation

[D] Earthingup

9. Headquarter of IARI Located at \_\_\_\_\_.

[A] Mumbai

[B] New Delhi

[C] Bangalore

[D] Punjab

10. For garden law which irrigation system is suitable?

[A] Furrow

[B] Dip irrigation

[C] Fogger

[D] Sprinkler irrigation

[P. T. O.]

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

**[4\*5=20]**

1. Write down the formula of PR.
2. Enlist the irrigation methods and draw the figure of any two methods.
3. Enlist the advantages and disadvantages of sprinkler irrigation.
4. Write down the any two classification of irrigated water for agricultural crops.
5. Define: Irrigation, Fertigation, Mulching. And Draw the Figure of Picture method

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

**[1\*10=10]**

1. Draw the figure of Drip irrigation with their component name and advantages and disadvantages.
2. Write down the sources of irrigated water, describe any one and role of water in plant.

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