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Total No. of Pages : 02

Total No. of Questions : 18

**B.Sc. Agriculture (2014 to 2018) (Sem.-2)**  
**WATER MANAGEMENT AND MICRO IRRIGATION**  
Subject Code : BSAG-203  
M.Code : 72358

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTION TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

**SECTION-A**

**Write short notes on the following :**

1. Criteria for scheduling irrigation
2. Hydrological cycle
3. Surface irrigation
4. Drip irrigation
5. Ground water
6. Objectives of irrigation
7. Sprinkler irrigation
8. Importance of irrigation
9. Flood irrigation
10. Atmospheric water

### **SECTION-B**

11. Write water conveyance efficiency.
12. Explain the rainfall and evaporation pattern in India.
13. Explain water distribution efficiency.
14. Explain harmful effects of excess irrigation.
15. Describe conjunctive use of water.

### **SECTION-C**

16. Explain critical stages for water need of crops.
17. Explain factors affecting frequency of irrigation.
18. Describe water management for rice, wheat, maize and cotton crops.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**