**Rajasthan Institute of Engineering & Technology, Jaipur.**

**Department of Civil Engineering**

**I Mid Term examination**

**Session: 2018-19**

 **Subject – WRE-I (7CE1A)**

 **Semester – VII th (4TH year) Set -B**

Time: 2 hrs. M.M.:20

**Instruction for students:**

1. No provision for supplementary answer book.

Q.1 What is the irrigation. What are the advantage and disadvantage of the irrigation

 **Or**

Q.1 What is the difference between duty and Delta. Derive the relation between duty and delta

Q.2 What is the hydrograph describe its components

 **OR**

Q.2 What is the infiltration. Discuss the factor affecting infiltration.

Q.3 What is the rain gauge describe any type of recording type rain gauge.

Or

Q.3 What is the infiltration capacity. Explain infiltration index.

Q.4 Explain the multiple cropping and crop rotation.

 Or

Q.4 What do you understand by water harvesting.