**Rajasthan Institute of Engg. & Tech. Jaipur**

**University Roll No. \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **III Year B. Tech VI Semester (II Mid Term 2017-18)**

**Branch: - CIVIL ENGINEERING SET-B**

**Subject: - RRS**

**Time: -2 Hrs. [Maximum Marks: 20]**

**Instruction for students:**

**1. No provision for supplementary answer book.**

**2. Attempt all questions. 3. All question carry equal marks.**

**Q 1. Explain shotcrete in detail.**

 **OR**

**Q.1. Explain under water repair of concrete structures.**

**Q.2. Explain the use of polymers and resins in structure repairing.**

 **OR**

**Q 2. Explain functions of Ferro cement in structure repairing.**

**Q 3. Explain distress and signs of various distresses in a structure.**

 **OR**

**Q 3. Explain self curing compounds.**

**Q.4. What are the causes of distress and deterioration of a structure?**

 **OR**

**Q.4. What are the uses of externally bonded plates.**