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

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

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

**Branch: - CIVIL ENGINEERING SET-A**

**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. What is grouting. Explain in detail.**

 **OR**

**Q.1. What is jacketing. Why it is required in structures.**

**Q.2. Explain the functions of externally bonded plates.**

 **OR**

**Q 2. Explain functions of FRP in structure repairing.**

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

 **OR**

**Q 3. Describe the observation and test methods of distress.**

**Q.4. Explain the use of polymers and resins in structure repairing.**

 **OR**

**Q.4. Explain distress and signs of various distresses in a structure.**