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

 **IV Year B. Tech VII Semester (1st Mid Term)**

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

**Subject: - TE II**

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

**Q 1. Draw Cross sections of Ideal Permanent ways with naming its Components**

 **OR**

**Q.1. What are failures in rails explain each with its diagrams**

**Q.2. Write the short notes on**

 **(a) Yards**

 **(b) Rail Fastening**

 **(c) Sleepers**

 **OR**

**Q 2. What do understand by Sleepers and Sleeper Density giving its example.**

 **Q 3. What is Points or Switches with its various component.**

 **OR**

 **Q 3. Explain Different types of crossing with relative advantages & disadvantages**

**Q.4. Write detailed note on Surface railways, Metro rail System, Elevated system.**

 **OR**

**Q.4. Explain Sidings, Rail Joints in details.**