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

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

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

**Subject: - TE II**

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

**Q 1. What do you mean by Uniformity of Gauges and factor affecting Gauge width.**

 **OR**

**Q.1. What do understand by Coning of Wheels & Sleeper Density.**

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

 **(a) Ballast**

 **(b) Rail**

 **(c) Sleepers**

 **OR**

**Q 2.What are failures in rails explain each with its diagrams**

 **Q 3. What is Turnout explain its Components.**

 **OR**

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

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

 **OR**

**Q.4. Explain Turn table & Signalling.**