Assignment - 1

Transport Engg. - II

Q1. Draw a complete diagram of right hand turnout, with all the details of different rails.

Q2. What do you understand by turnout?

Q3. Why are check rails provided in turnout.

Q4. Briefly write down the details of switch in a railway turnout, describing its main constituents.

Q5. Explain classification of switch on the basic of toe of switch with diagram.

Q6. What do you mean by throat, ANC & TNC. Explain with diagram.

Q7. Derive the equation for number of crossing for right angle method.

Q8. Explain curve lead, switch lead and lead used in design of turnout with clear diagram.

Q9. Calcute, CL, Radius, Outer Radius (R_o), SL & L required to ~~set~~ set out 1 in 12 turnout; taking out from straight B.G track with its curve starting from toe to switch tangential to gauge face & pass through TNC.

~~given d = 10.4 cm~~; Given d = 10.4 cm.