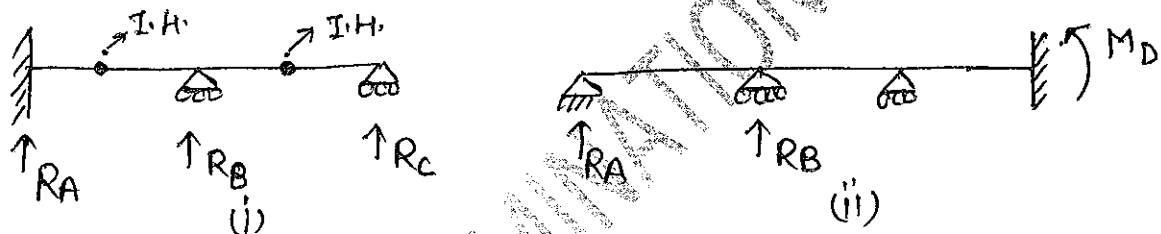
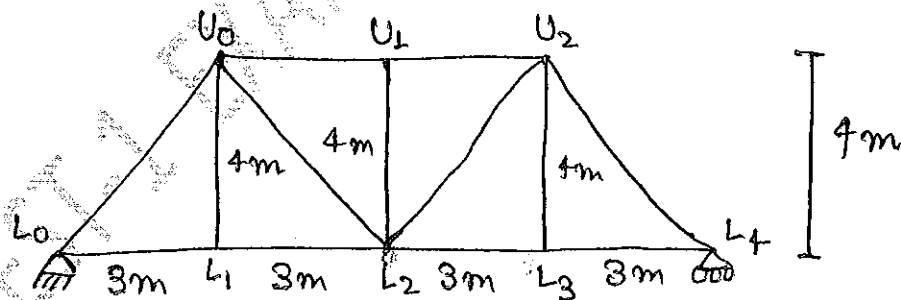


Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.

Q.1. Draw the Influence Line diagram of mentioned support reactions in structure given below by Muller Breslau method. (4)



Q.2. For the given truss draw the ILD of member  $U_0L_2$ ,  $L_1L_2$  and  $U_0U_1$ . (5)



Q.3. A triangular load is moving from left to right on the given beam. Find the maximum value of  $R_B$ ,  $R_D$ , shear force and bending moment at section C. (6)

