Department of Environment, Water and Coastal Engineering (EWCE), MIST
EWCE-211
Class Test-01
Total Marks-20
Time: 20 Min

The wooden members A and B are to be joined by plywood splice (see Fig) plates that will be fully glued on the surfaces in contact. Due to the design requirement of the joint the clearance between the ends of the members is to be 6 mm. Determine the smallest allowable length L if the average shearing stress in the glue is not to exceed 2.5 MPa.

