

R09

Code No: 09A40305

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

B.Tech II Year II Semester Examinations, November / December-2013

MACHINE DRAWING

(Common to ME, MCT, AME)

Time: 3 hours

Max. Marks: 75

Answer any TWO questions from PART-A

PART-B is Compulsory

PART – A

1. Design and draw the front sectional view and top view of a double riveted (zig zag) lap joint to join plates of 15mm thickness each. [15]
2. Design and draw the sectional front view and top view of knuckle joint to join two pipes of 30mm diameter. [15]
3. Draw the front, top and right side view of a hexagonal-headed bolt with 25mm diameter. [15]

PART – B

4. Assemble the parts given and draw the full sectional front view and top view of the assembly. [45]