

R09

Code No: 09A40305

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

B.Tech II Year II Semester Examinations, June-2014

MACHINE DRAWING

(Common to ME, MCT, AME, MS & NT)

Time: 3 hours

Max. Marks: 75

**Answer any TWO questions from PART-A
PART-B is compulsory**

PART - A

[30M]

1. Draw proportionate diagram of Sleeve and cotter joint to connect two shafts of ϕ 30 mm.
2. Draw the sectional front view and top view of the double riveted double strap zig-zag butt joint with diameter of the rivet as 14 mm.
3. Represent two views of hexagonal nut and square nut with proportions take the diameter of the bolt as 30 mm.

PART - B

[45M]

4. Details of a Stuffing Box are given in the Figure 1. Assemble all parts along with piston rod in position and draw Half Sectional view from the front with left half in section, top view and right side view.

