

Code No: 54017

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B.Tech II Year II Semester Examinations, November/December - 2015

MACHINE DRAWING

(Common to ME, AME)

Time: 3 hours

Max. Marks: 75

Answer any TWO questions from Part-A
Part-B is Compulsory

PART-A

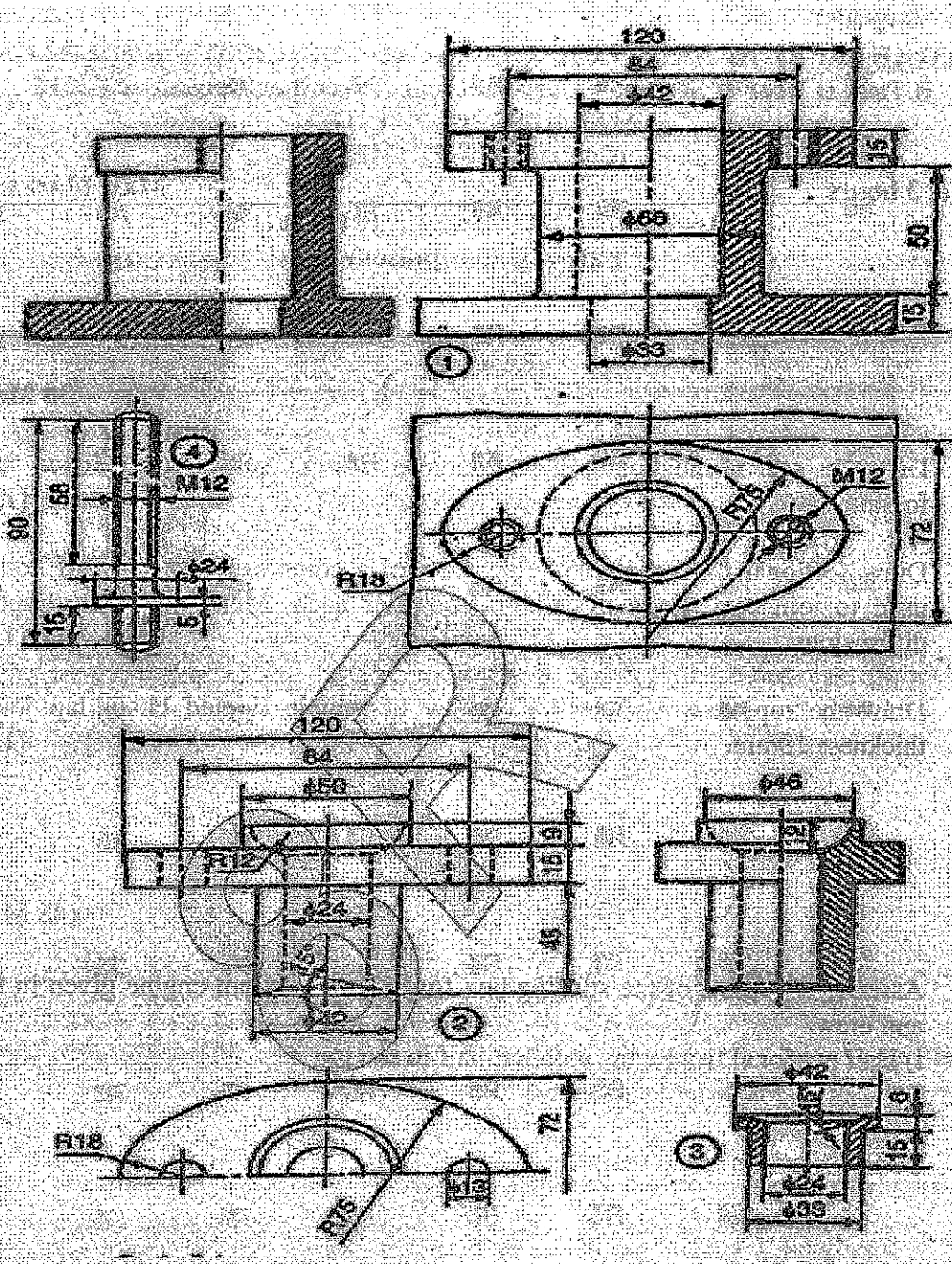
(30 Marks)

1. Draw an eye foundation bolt of diameter 30mm, suitably positioned in the foundation base. [15]
2. Draw sectional front view and side view of a compression type muff coupling used to join two shafts of 50 mm diameter each. Mention all the important dimensions. [15]
3. Draw the top view and sectional view of double riveted chain lap joint of thickness 10mm. [15]

PART-B

(45 Marks)

4. Assemble all parts of the stuffing box for a vertical steam engine given in figure and draw:
 - i) Half sectional front view with left half in section
 - ii) Half sectional right side view
 - iii) Top view[45]
(All dimensions are in mm)



Parts list

Part No.	Name	Matl	Qty
1	Body	CI	1
2	Gland	Brass	1
3	Bush	Brass	1
4	Stud	MS	2
5	Nut, M12	MS	2