

# SATHYABAMA UNIVERSITY

(Established under section 3 of UGC Act, 1956)

Course & Branch: B.E – Mechanical

Title of the paper: Machine Drawing

Semester: III

Sub.Code: 15307(2002/2003/2004/2005)

Date: 26-04-2007

Max. Marks: 80

Time: 4 Hours

Session: AN

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## PART – A

(30)

Answer ALL the Questions

1. Explain Hole basis and Shaft basis system. (10)
2. Draw the two views of hexagonal nut for 24mm diameter bolt according to approximately Standard Dimensions. (10)
3. Draw symbol of following welded joint (5)
  1. Square Butt
  2. Edge
4. Explain the following terms (5)
  1. Roughness and Waviness
  2. Tolerance

## PART – B

(50)

Answer All the Questions

5. Details of Tailstock is given in fig-1. Draw the following views
  1. Sectional front view (35)
  2. Plan (15)

DRAW DIAGRAMS