

# SATHYABAMA UNIVERSITY

(Established under section 3 of UGC Act, 1956)

Course & Branch: B.E – Mechanical /M&P/Aeronautical

Title of the paper: Machine Drawing

Semester: III

Max. Marks: 80

Sub.Code: 315307/515307/6C0067(2006/2007)

Time: 4 Hours

Date: 14-11-2008

Session: FN

---

## PART – A

Answer All the Questions

1. Define Limits, fits and tolerance. Explain hole basic and shaft basis system. (10)
2. With an example explain how to make a working drawing. (10)
3. Explain unilateral and bilateral tolerance. (5)
4. Define the conventional representation of  
(a) Gear (b) Screw thread (5)

## PART – B

(1 x 50 = 50)

Answer All the Questions

5. Details of tailstock are shown in the given figure. Draw the following assembled views:  
  
(a) Sectional front view (35)  
  
(b) Side view (15)

Assume any missing dimension.





