B. Tech.
(SEM. VIII) EXAMINATION, 2006-07
COMPUTER AIDED LEATHER PRODUCTS DESIGN

Time : 3 Hours] [Total Marks : 100

Note : Attempt all questions. All questions carry equal marks.

1. Attempt any four parts of the following:
   (a) What is a “Synovial joint”? 
   (b) What are the Arches of the foot?
   (c) Make neat sketches of Top and Rear view of human foot.
   (d) Distinguish short and long bone.
   (e) Discuss in brief Common foot Troubles
   (f) What are shoe size systems?

2. Attempt any four parts of the following:
   (a) What is “Mean-forme”? 
   (b) What is Grading?
   (c) Discuss the different components of a shoe.
   (d) What are the different materials used in shoe making?
   (e) How will you make a garment using leather?
   (f) What are Adhesives?
3 Attempt any two parts of the following:
   (a) How do you cut different components from Leather and what instructions will you give for cutting leather?
   (b) What is skiving? What are the different skives?
   (c) Discuss different edge Treatments and stitching machines.

4 Attempt any two parts of the following:
   (a) Discuss “Closing”
   (b) Describe “Cemented Shoe Construction”.
   (c) What are Finishing Operations.

5 Attempt any two parts of the following:
   (a) Discuss operating system and Input/Output devices.
   (b) Discuss Computer Aided Designing for Leather Products.
   (c) Discuss role of Computers in grading of patterns for footwear.