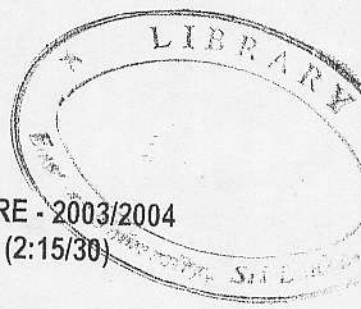


EASTERN UNIVERSITY, SRI LANKA
THIRD YEAR SECOND SEMESTER EXAMINATION IN AGRICULTURE - 2003/2004
AEN 3202 FARM STRUCTURES AND ELEMENTARY SURVEY (2:15/30)



Answer all questions
Time: One hour

1. (a) What are the two major systems of housing cattle?
(b) Briefly discuss the principles of planning a confined housing system for cows.
(c) What are the advantages of loose housing?

2. (a) Briefly explain how loads on a building can be classified.
(b) Write short notes on the following:
 - (i) Estimating wind pressure on buildings.
 - (ii) Lateral grain and soil pressure.
 - (iii) Pressure exerted by fluids.