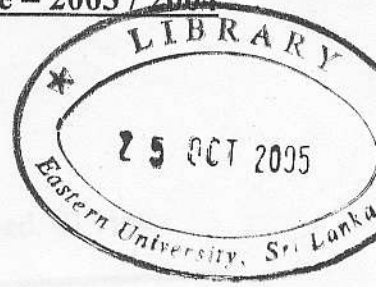


EASTERN UNIVERSITY, SRI LANKA

Final Year, First Semester Examination In Agriculture – 2003 / 2004

ACH 4101- FOOD CHEMISTRY



Answer all questions

Time: One hour

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1. a) Explain the importance of chemically modified starches in foods.
- b) Giving examples, discuss the role of the following additives in food industry.
  - i) Chemical leavening agents.
  - ii) Flour bleaching agents & dough improvers.

2. Explain.

- a) Role of  $\alpha$ -amylase enzyme in processing of foods.
- b) Effects of oxidative rancidity on quality of foods.
- c) Changes occur in myoglobin during processing and storage of red meat.

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