

25 OCT 2004

EASTERN UNIVERSITY, SRILANKA

Final (Fourth) year / First semester Examination in Agriculture 2003 / 2004

AGB 4113 Advanced Seed physiology and Technology

Time : 01 Hour

Answer all questions.

Q1. Explain the following

- a) Essential features of seed development and ripening in a tropical legume. (40 marks)
- b) Relation of seed deterioration with seed viability and vigour. (30 marks)
- c) Embryo dormancy in seeds. (30 marks)

Q2. Briefly discuss

- a) Important aspects in certified seed production of rice. (40 marks)
- b) Effect of seed moisture and storage temperature on deterioration of stored seed. (30 marks)
- c) Advantages of quality seed. (30 marks)