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Eastern Sri Lanka

**EASTERN UNIVERSITY, SRI LANKA**  
**FINAL YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE-2008/2009**  
**(SEPTEMBER/OCTOBER 2009)**  
**AGB 4108: ADVANCED SEED PHYSIOLOGY AND TECHNOLOGY**

**Time: 01 hours**

**Answer ALL questions**

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1. a. Discuss seed vigour and its consequences. (40 marks)
  - b. Discuss the factors affecting vigour of seed during seed production. (60 marks)
  
  2. Explain the following:
    - a. Embryo dormancy in seeds (30 marks)
    - b. Theory of auto oxidation in deteriorating oil seeds (30 marks)
    - c. Certified seeds (40 marks)
- .....