## KERALA AGRICULTURAL UNIVERSITY

B.Sc (Hons.) Ag. 2011Admission
VI <sup>th</sup> Semester Final Examination- July /August -2014

Times 2 hou
Time: 3 hou
ed as d) Hard seeds PPV& FRA 2001 is
sture content d)
of them
c) For two ed standards rs' Rights
P S

III. Write short essays on ANY SIX of the following (Question Number 1 to 8) (6x5=30)

- 1. Briefly explain the multiplication of Nucleus seed in self pollinated crops
- 2. Write in brief the special features or provisions of Seed Control Order (1983)
- 3. Describe briefly the seed production technology of rice varieties.
- 4. Describe in brief the procedure of Grow-out Test

system developed by India.

- 5.Describe various methods of temperature control during seed storage
- 6. Briefly explain various rapid methods of testing seed viability and uses of the same
- 7. What are the different stages of crop growth for field inspection and briefly summari the specific objectives of these inspections at various stages
- 8. Write in brief about the establishment and functions of State Seed Certification Age

## IV. Write essay on ANY ONE of the following (Question Number 1 to 2)

1. What are plant breeding rights? Briefly describe the condition for award of PBR protection, the scope of protection, breeders exemption and farmers privilege? Discuss the need for PBR in India and briefly explain the salient features of PBR

(1x10=10)

2. Classify seeds on the basis of longevity with examples. Describe in detail the facto affecting seed longevity in storage.