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BOS 506

III Semester M.Sc. Examination, December 2018
(CBCS)
BOTANY
Seed Technology
(Soft Core)

Time : 3 Hours

Max. Marks : 70

- I. Answer **any three** of the following (**Each** answer **not** exceeding **five** pages) :
(3×10=30)
- 1) Write a comparative account of structure of monocot and dicot seed.
 - 2) Discuss the factors affecting seed quality.
 - 3) Give an account of equipments used in seed treatment.
 - 4) Explain the importance of field inspection in seed certification process.
 - 5) Describe the management practices involved in seed production.
- II. Write notes on **any six** of the following (**Each** answer **not** exceeding **three** pages) :
(6×5=30)
- 6) Orthodox and recalcitrant seeds
 - 7) ISTA
 - 8) Bioassays and biochemical testing in seed health testing.
 - 9) Packaging of seeds and labelling.
 - 10) Tests used in evaluating genetic purity.
 - 11) Seed Act, rules and seed law enforcement.
 - 12) Seed longevity and storage.
 - 13) Seed drying.

P.T.O.



III. Write short notes on **any five** of the following (**Each** answer **not** exceeding **one** page) : **(5×2=10)**

- 14) Abortion of embryo
 - 15) Hilum
 - 16) Seed disinfestation
 - 17) Farmers seed
 - 18) Seed moisture
 - 19) Transgenic seeds
 - 20) Thief trier.
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