

M.Sc. (Sem.-II) Examination

409

Botany

May-2017

Time : 3 Hours]

[Max. Marks : 70

Bot-409: Plant Breeding, Horticulture and Evolution (Old)

Q.1. Describe:

(a) Plant Breeding-Origin OR (a) Hybrid Vigour 07

(b) Self Pollinated Crops OR (b) NBPGR 07

Q.2. Describe:

(a) Propagation by seeds OR (a) Types of Cuttings 07

(b) Types of Grafting OR (b) Post Harvest Handling 07

Q.3. Give a short note on:

(a) Greenhouse: Advantages OR (a) Organic farming 07

(b) Indoor Gardening OR (b) Xeriscaping 07

Q.4. Describe:

(a) Sources of Variation OR (a) Natural Selection 07

(b) Isolation Mechanism OR (b) Adaptation 07

Q.5. Short Questions: 14

(a) What are Clonal Crops? 02

(b) What is IPM? 02

(c) Define: Budding. 02

(d) What is Green Manure? 02

(e) Define: Propagation. 02

(f) Define Emasculation? 02

(g) What is a Lamarck's Theory? 02

(P.T.O)