

07 DEC 2020

**M.Sc. Botany (Life Science)**  
**Semester – III - Theory Examination**  
**Paper – 9: Taxonomy Conservation and Utility of plants**

**Time: 1.30 Hrs**

**Subject code: 3686**

**Total Marks: 42**

**INSTRUCTIONS:** (1) **Draw a labeled diagram** where ever it is necessary.  
(2) Attend any **Three** Questions out of **Four**.  
(3) All Questions are of Equal **14** marks.

**Que. 1 (A)** What is ICBN and explain the principle of ICBN **14**

OR

**Que. 1 (A) (i)** Explain Cytology in Plant Taxonomy. **07**

**Que. 1 (A) (ii)** Write a note on GIS as a taxonomic tool. **07**

**Que. 2 (A)** Write merits and demerits of Huchinson and Englar- Prantal classification with their introduction. **14**

OR

**Que. 2 (A) (i)** Explain the dicta of Charles Bessey classification system. **07**

**Que. 2 (A) (ii)** Explain Chemotaxonomy. **07**

**Que. 3 (A)** Write note on: ICAR, WWF and FAO. **14**

OR

**Que. 3 (A) (i)** Write brief note on botanical gardens and describe national and international garden. **07**

**Que. 3 (A) (ii)** Give brief note on germplasm collection. **07**

**Que. 4 (A)** Write about origin, cultivation and uses of Medicinal and Aromatic Plants. **14**

OR

**Que. 4 (A) (i)** Explain Paper making. **07**

**Que. 4 (A) (ii)** Explain: Coral reefs. **07**