

**CARMEL COLLEGE OF ARTS, SCIENCE & COMMERCE FOR WOMEN,
NUVEM-GOA
SEMESTER END EXAMINATION (ONLINE MODE), JULY 2021**

Semester: **IV B.Sc.**

Subject: **BOTANY – SEC**

Course name & Code: **Herbal Technology - BOS102**

Max. Marks: **30**

Date: **15/07/2021**

Duration: **2 Hours**

Total No. of pages: **01**

Instructions: 1. All questions are *compulsory*.

2. Figures to the *right* indicate *maximum* marks allotted to the question.

3. Draw labelled diagrams *wherever* necessary.

Q. I. Answer **any five** of the following in brief: (5x 2 Marks = 10)

- i. List any 4 essential oils used in Aromatherapy.
- ii. Give the common name & botanical name of any 2 herbs used for culinary purpose.
- iii. Give the biological source and any 3 chemical constituents of *Ocimum sanctum*.
- iv. Give the test for detection of glycosides in herbal drugs.
- v. How is decoction of crude herbal extracts prepared?
- vi. Mention a herbal remedy for holistic health.
- vii. State the organoleptic characters of *Urginia indica*.
- viii. Name any 4 forms of Siddha medicine.

Q. II. Answer **any four** of the following: (4 x 5 Marks = 20)

1. Give an account of herbal plants used in cosmetic formulations for hair care.
2. Elaborate on plant tissue culture as a source of phytopharmaceuticals.
3. Write a short note on Homeopathy as a system of medicine.
4. Explain the types of adulterants in herbal drugs.
5. Describe the plant morphology and state the medicinal uses of *Allium sativum*.
6. Write the biological source, chemical constituents and medicinal uses of *Catharanthus roseus*.
