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SB—25—2022

FACULTY OF SCIENCE

B.Sc. (Third Year) (Sixth Semester) EXAMINATION

MAY/JUNE, 2022

(CBCS/New Pattern)

BOTANY

Paper-XV

(Herbal Technology-II)

(Thursday, 09-06-2022)

Time : 10.00 a.m. to 12.30 p.m.

Time— 2.30 Hours

Maximum Marks—40

N.B. :— (i) Attempt All questions.

(ii) Illustrate your answers with suitably labelled diagrams, wherever necessary.

1. Explain working and application of transmission electron microscope. 15

Or

(a) Describe principle and application of colorimetry. 8

(b) Explain tincture and capsule dosage forms. 7

2. Describe biosynthetic pathway of flavonoids. 15

Or

(a) Write a note on therapeutic uses of triphala churna. 8

(b) Explain application of TLC. 7

P.T.O.

3. Attempt any *two* of the four : 10

- (a) Describe in brief application of laminar air flow.
- (b) Write a note on application of fluorimetry.
- (c) Explain in brief medicated wine.
- (d) Explain in brief chemistry of Morphin.