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V—52—2017

FACULTY OF SCIENCE

B.Sc. (Sixth Semester) EXAMINATION

OCTOBER/NOVEMBER, 2017

BOTANY

Paper XV (Optional)

(Herbal Technology—II)

(Saturday, 14-10-2017)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

- N.B. :—*
- Attempt *All* questions.
 - All* questions carry equal marks.
 - Draw neat and well labelled diagrams wherever necessary.

1. Describe filtration and concentration of herbal formulations.

Or

- Write short notes on infusion and decoction.
- Write short notes on ointments and creams.

2. Describe in detail preparation method of Triphala Churna.

Or

- Comment on therapeutic uses of Arjunaristha.
- Describe preparation of Gooti.

3. Write on occurrence and chemical properties of carbohydrates.

Or

- Phytochemical uses of glycosides.
- Phytochemical uses of alkaloids.

P.T.O.

4. Describe principle and elution method of column chromatography.

Or

(a) Comment on sample preparation in HPTLC.

(b) Write a short note on principle of paper chromatography.

5. Write short notes on any *four* of the following :

(a) Grinding in herbal formulation

(b) Uses of Kumari

(c) Pseudoalkaloids

(d) Aporphines

(e) Application of TLC

(f) Applications of paper chromatography.