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Y—66—2019

FACULTY OF SCIENCE

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

OCTOBER/NOVEMBER, 2019

(CGPA Pattern)

BOTANY

Paper XV

(Herbal Technology—II)

(Friday, 18-10-2019)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :— (i) Attempt All questions.

(ii) All questions carry equal marks.

(iii) Draw neat and well labelled diagrams wherever necessary.

1. Describe extraction and filtration in herbal formulation. 8

Or

(a) Write a note Infusion.

(b) Write a note on tincture.

2. Explain preparation and therapeutic uses of kumari asav. 8

Or

(a) Write a note on arjuna arishta.

(b) Describe in brief triphala churna.

3. Explain chemistry of glycoside. 8

Or

(a) Describe in brief homopoly-saccharide.

(b) Write a note on steroids.

P.T.O.

4. Explain principle and application of column chromatography. 8

Or

- (a) Write a note on elution method of TLC.
- (b) Describe application of paper chromatography.

5. Write short notes on any *four* of the following : 8

- (a) Explain in brief medicated wine.
- (b) Write a note on Telam.
- (c) Therapeutic uses of Vatti
- (d) Write in brief chemistry of alkaloid.
- (e) Uses of Heteropoly saccharide
- (f) Write a note on sample, preparation of HPTLC.