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**VA—16—2024**

**FACULTY OF SCIENCE**

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

**NOVEMBER/DECEMBER, 2024**

**(CBCS/New Pattern)**

**BOTANY**

**Paper—XV**

**(Herbal Technology—II)**

**(Tuesday, 3-12-2024)**

**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. Explain working and application of fluorescence microscope. 15

*Or*

(a) Application of flame photometry 8

(b) Principle and working of laminar air flow. 7

2. Describe preparation and therapeutic uses of triphala churna. 15

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Or

- (a) Occurrence and chemistry of flavonoids. 8
- (b) Write in brief antitumour component from Vinca plant. 7
3. Attempt any *two* out of four : 10
- (a) Application of dark field microscope.
- (b) Principle of calorimeter.
- (c) Therapeutic uses of gooti
- (d) Uses of morphin.

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