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**NA—16—2023**

**FACULTY OF SCIENCE**

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

**NOVEMBER/DECEMBER, 2023**

**(CBCS/New Pattern)**

**BOTANY**

**Paper—XV**

**(Herbal Technology—II)**

**(Wednesday, 6-12-2023)**

**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 a neat and well labelled diagram wherever necessary.

1. Explain principle and application of IR spectrophotometry. 15

*Or*

(a) Describe applications of incubator. 8

(b) Explain working of laminar air flow. 7

2. Describe capsule and tablets in herbal formulation. 15

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Or

- (a) Occurrence and uses of reserpine. 8
- (b) Therapeutic uses of Lycopene. 7
3. Attempt any *two* out of the four : 10
- (a) Application of compound microscope
- (b) Principle of HPTLC
- (c) Therapeutic uses of Gooti
- (d) Application of paper chromatography.

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