

B.Sc. DEGREE EXAMINATION, November 2021
BRANCH V (a) – PLANT BIOLOGY AND PLANT BIOTECHNOLOGY
THIRD SEMESTER

COURSE : MAJOR - CORE
PAPER : PHYTOTHERAPY AND ETHANOBOTANY
TIME : 3 HOURS **MAXIMUM MARKS : 100**

SECTION – A (18 Marks)

Answer all the questions

I. Fill in the blanks (9 x 1 = 9 marks)

1. The body primarily produces three types of waste products called_____.
2. The process which generates alcohol for the extraction of active compounds in the herbs is called _____.
3. The three principle constituents of ginger are _____, _____ and _____.
4. Ayurvedic pills or tablets are called _____.
5. The typical feature of a person which decide the health , body structure , features of a person is called _____.
6. Thathu in siddha medicine refers to _____.
7. Irulas use *Capparis zeylanica* as a_____.
8. The father of Indian medicine is _____.
9. The study of relationships between the people of a primitive society and plants is called _____.

II . Explain any three terms in 50 words each. (3x3=9 marks)

10. Tridhosa concept
11. Essential oils and aroma therapy
12. Adulteration of herbal drugs
13. Bioprospection

SECTION - B (2x 6 = 12 marks)

Answer any two questions. Each answer should not exceed 200 words. Draw neat labelled diagrams wherever necessary.

14. Write a note on panchamahabhuta.
15. Elaborate on intellectual property rights in relation to traditional knowledge
16. Write in detail about the role of dhatu in physical beauty.

SECTION - C (1x 20 = 20 marks)

Answer any one question. Each answer should not exceed 1000 words. Draw neat labelled diagrams wherever necessary.

17. Write in detail about the organoleptic studies of *Rauwolfia serpentine* and *Azadirachta indica*.
18. Write an elaborate account on adulteration and standardization of herbal drugs.