

B. Sc. DEGREE EXAMINATION, NOVEMBER 2007
BRANCH V (a) – PLANT BIOLOGY AND PLANT BIOTECHNOLOGY
THIRD SEMESTER

COURSE : MAJOR – OPTIONAL
PAPER : HERBAL MEDICINE
TIME : 3 HOURS

MAX.MARKS:100

SECTION – A

ANSWER ALL QUESTIONS

(18 marks)

I CHOOSE THE CORRECT ANSWER:

1. Curcumin is extracted from
 - a. *Centella asiatica*
 - b. *Curcuma longa*
 - c. *Ocimum sanctum*
 - d. *Eclipta alba*
2. An increased level of bilirubin in the serum results in
 - a. Typhoid
 - b. Tuberculosis
 - c. Jaundice
 - d. Malaria
3. *Cuminum cyminum* belongs to the family
 - a. Malvaceae
 - b. Euphorbiaceae
 - c. Umbelliferae
 - d. Rutaceae
4. A drug which reduces fever is called
 - a. Febrifuge
 - b. Flux
 - c. Neuritis
 - d. Galactogogue.

II. State whether true or false:

5. Aggravated vata, pitta and kapha are harmful to the body.
6. A drug that expels intestinal worms is called dyspepsia.
7. *Zingiber officinalis* is propagated by seeds.
8. The binomial of pepper is *Trigonella foenum graceum*.
9. Leaves of *Ocimum sanctum* is used as expectorant.

III. Fill in the blanks:

10. Soaking fresh or dry material in water at normal temperature is called
11. is the common name for *Emblica officinalis*.
12. is the alkaloid extracted from *Strychnos nuxvomica*.
13. is the casual agent for ringworm.
14. Pharmacology deals with the

IV. Match the following:

- | | | |
|-------------------------|---|------------------------------|
| 15. Bark | - | Hairfall |
| 16. Hypertension | - | <i>Eugenia caryophyllata</i> |
| 17. <i>Eclipta alba</i> | - | Beauty |
| 18. Spices | - | <i>Saraca indica</i> |
| | - | Serpentine |

V. Answer any six questions. Each answer not to exceed 50 words: (6x3=18)

19. Dhatu
20. Organoleptic tests
21. Malas
22. Vincristin
23. Sandal wood oil

24. Adulterant
25. Malaria
26. Face pack
27. Flatulence

SECTION – B

Answer any four questions. Each answer not to exceed 200 words. (4x6=24)

28. Discuss the principles of Ayurveda and Siddha.
29. Give an account on storage of drugs.
30. Describe the morphology chemical constituents and clinical uses of Azadirachta indica.
31. Write an account on Asthma. Suggest a few herbal remedies.
32. Describe the preparation of a vegetable salad.
33. How are essential oils extracted. Discuss their role in aroma-therapy.

SECTION – C

Answer any two questions. Each answer not to exceed 1000 words. (2x20=40)

34. Give an detailed account on the cultivation and collection of medicinal plants.
35. Outline the various steps involved in the preparation of Taila, Bhasmam and Decoction.
36. Write a detailed account on distribution, morphology, chemical constituent and therapeutic uses of *Terminalia chebula* and *Centella asiatica*.
37. Write short notes on the herbal remedies for
a. Dandruff b. Jaundice c. Common cold d. Chicken pox
