

[Total No. of Questions - 15] [Total No. of Printed Pages - 2]
(2064)

14811

B. Pharmacy (Ayurveda) 4th Semester Examination

**Pharmaceutical Biochemical Analysis of
Ayurvedic Drugs-I (O.S.)**

Paper-I

Time : 3 Hours

Max. Marks : 90

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Long Essay (Any One)

1. Write in detail about 'General metabolism of macronutrients and micronutrients'. (20)
2. Explain in detail about 'Methodology to study toxicity of Ayurvedic drugs'. (20)

Long Answer (Any Three)

3. Describe the Methods of Determination of volatile contents. (10)
4. Explain the Refractive index and its determination. (10)
5. Write about Bioassay of drugs by using animals. (10)
6. Describe the Concept of microbial contamination in finished and raw material. (10)

Short Answer (Any Eight)

7. Explain about Determination of Loss on drying. (5)
8. Write about Determination of Particle consistency. (5)

14811/20

[P.T.O.]

9. Describe the Estimation of oil and fats. (5)
10. Write about the Concept of heavy metal toxicity. (5)
11. Write in short about the Determination of acid insoluble ash. (5)
12. Explain the Determination of total ash content. (5)
13. Describe the Concept of ethical committee for animal studies and clinical studies. (5)
14. Explain about extractive value. (5)
15. Write about the analysis of Asava. (5)