14805

B. Pharmacy (Ayurveda) 4th Semester Examination
Pharmaceutical Analysis of Ayurvedic Drugs-I (N.S.)

BPA-421

Time : 3 Hours  Max. Marks : 70

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

Note : Question 1 is compulsory. Candidates are required to attempt any five questions out of remaining six.

1. Answer followings:
   (i) Differentiate HPTLC and GLC.
   (ii) Differentiate oils and fats.
   (iii) What are bioassays?
   (iv) What is ash value?
   (v) Differentiate tablets and pills.
   (vi) Give uses of avaleha.
   (vii) Enlist methods to determine sugar content.
   (viii) Enlist methods to determine volatile oil content.
   (ix) How refractive index can be determined?
   (x) What are extractive values?  

2. Explain methods of analysis of tablets and arishtas.  

(2×10=20)

(10)
3. Give methods to determine alcohol content. (10)

4. Write notes on—
   (i) Methods to study toxicity of ayurvedic drugs.
   (ii) Heavy metal toxicity. (2×5=10)

5. Write notes on (Any two)
   (i) Particle consistency & total solid content.
   (ii) Bioassays.
   (iii) Analysis of ayurvedic drugs. (2×5=10)

6. Discuss methodology involved in analysis of sugar contents. (10)

7. Write notes on—
   (i) Fluorescence analysis
   (ii) Chromatographic techniques
   (iii) Asvas and oil ghritas. (10)