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B. Pharmacy (Ayurveda) 2nd Semester Examination
Pharmaceutical Biology-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.

Note : Question No. 1 is compulsory. Attempt any five question from the rest. All questions carry equal marks.

1. Write a short note on the following :
   (a) Sclerenchyma
   (b) Phloem
   (c) Unorganized drug
   (d) Three examples of medicinal plant belonging to family Rutaceae. (4+4+4+3=15)

2. Give detail account on following family:
   (a) Leguminosae
   (b) Solanaceae (7½+7½=15)

3. Discuss factors effecting cultivation, collection and storage of crude drugs. (15)

4. Describe different type of classification of the crude drug. (15)

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[P.T.O.]
5. Write a short note:
   (a) Flower
   (b) Herbarium \( (7\frac{1}{2}+7\frac{1}{2}=15) \)

6. Give floral formula and diagram of following family:
   (a) Rutaceae
   (b) Umbelliferae \( (7\frac{1}{2}+7\frac{1}{2}=15) \)

7. (a) Define crude drug, organized drug and typical plant cell along with examples.
   (b) Discuss in brief about introduction and histological background of some important medicinal plants. \( (7\frac{1}{2}+7\frac{1}{2}=15) \)