

[Total No. of Questions - 7] [Total No. of Printed Pages - 2]
(2063)

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B. Pharmacy (Ayurvedic) 2nd Semester Examination
Pharmacognosy-I (OS)

4

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 : (i) The question paper consists of *Seven* questions.

(ii) Each question carries 15 marks.

(ii) Question 1 is compulsory and candidates are required to attempt five questions from rest.

1. (a) Give an detailed account of the present status and future scope of pharmacognosy.
- (b) Give a brief account about Tannins. **(7½×2=15)**
2. Give an account of Ergashic cell inclusions. **(15)**
3. Explain in detail giving examples about Glycosides or Alkaloids. **(15)**
4. Write brief notes on any two:
 - (1) Flavonoids
 - (2) Authentication of powdered drugs
 - (3) Lycopodium spore method
 - (4) Saponins. **(15)**

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5. Give detailed account of any two:
- (1) Electron microscope
 - (2) Clearing agents
 - (3) Mountants. **(15)**
6. Give an account of the following three families Apocynaceae, Solanaceae and Umbellifane giving at least two examples of medicinal plants of each family. **(15)**
7. Give the biological source, chemical constituents and uses of drugs of Pteridophytes or Thallophytes. **(15)**

OR

Give an account about carbohydrates containing drugs.