

[BPHARM 0921]

SEPTEMBER 2021  
(FEBRUARY 2021 EXAM SESSION)

Sub. Code: 4261

**B. PHARMACY DEGREE EXAMINATION**  
**THIRD YEAR – (NON-SEMESTER)**  
**PAPER I – PHARMACOGNOSY AND PHYTO-CHEMISTRY**  
*Q.P. Code: 564261*

**Time: Three hours**

**Answer ALL questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Classify the Fibers used as surgical dressings. Write about the general tests used to identify them. Explain in detail about the preparation of one plant and one animal fiber.
2. What are the four types of Aloes? What are vitreous Aloes and Hepatic Aloes? Discuss about Pharmacognosy of Aloes with chemical tests.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Advantages and disadvantages of cultivated drugs over wild source.
2. Physical method of evaluation
3. Glyco alkaloid containing drug
4. Artemesia
5. Alginate dressing
6. Purine alkaloids
7. Periwinkle plant
8. Animal drug containing protein

**III. Short answers on:**

**(10 x 2 = 20)**

1. Define Palisade ration.
2. What are Cystoliths?
3. Write any two microscopy characters of Liquorice powder.
4. Differences between Indian Senna and Alexandrian Senna.
5. Define Swelling factor.
6. Name two products of Starch with uses.
7. Source, family and uses of Talc.
8. Identification test for Deoxy sugars.
9. Quinazolidine alkaloidal drug.
10. Chemical constituents of Pyrethrum.

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