

**Dr.V.S KRISHNA GOVT DEGREE & P.G. COLLEGE, (A) VISAKHAPATNAM**

**B.SC. DEGREE EXAMINATION SEMESTER-VI PAPER 8 CLUSTER - 3**

**BOTANY**

**PHARMACOGNACY AND PHYTOCHEMISTRY**

**TIME:1HR**

**MODEL QUESTION PAPER**

**MAX.MARKS:16**

**Section A:**

Answer any FIVE of the following question. Draw diagrams where ever necessary. 5 x 4 = 20 Marks

- |                                  |                           |
|----------------------------------|---------------------------|
| 1. Classification of drugs.      | 2. Secondary metabolites. |
| 3. Trepan.                       | 4. Cucurbitacins.         |
| 5. Immunoglobins                 | 6. Antioxidants.          |
| 7. Importance or pharmacognocny. | 8. Aromatherapy.          |

**Section B:**

Answer ALL of the following questions. Draw diagrams where ever necessary. 8 x 5 = 40 Marks

9. A) Describe the evaluation methods of drugs?  
Or  
B) Write pharmacological clarification of drugs?
10. A) Write active principles and common adulterants of *Alstonia scholaris* and *Rauwolfia serpentina*?  
Or  
B) Write organoleptic and microscopic studies of *Zingiber officinalis*?
11. A) Explain a brief account on terpenoids and steroids  
Or  
B) Write an essay on secondary metabolites?
12. A) Describe the biosynthesis and importance of simple phenolic compounds.  
Or  
B) Explain a brief account on Anthocyanins and Betacyanins?
13. A) Write the chemical nature and mode of action of Vitamins and Antibiotics?  
Or  
B) Describe the role of different types of enzyme inhibitors?