

**SHREE H.N.SHUKLA INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH**
B.Pharm- SEMESTER-V • INTERNAL EXAMINATION

Subject Code:BP505TP**Date: 26/8/20****Subject Name: PHARMACOGNOSY AND PHYTOCHEMISTRY-II****Time: 10:30 AM to 12:30 PM****Total Marks: 40****Instructions:**

1. Attempt any 10 questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

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| Q.1 | Give difference for Sumatra and Siam Benzoin | 4 |
| Q.2 | Briefly describe the TS of Cinnamon with a neat and labeled Diagram | 4 |
| Q.3 | Write about botanical source, chemical constituents, method for manufacturing and uses of black catechu | 4 |
| Q.4 | Write down pharmacognosy of drug used as a dental analgesic | 4 |
| Q.5 | Write down source, chemical constituents and uses of Rauwolfia and Opium | 4 |
| Q. 6 | Explain Shikimic acid pathway with chemistry | 4 |
| Q.7 | Explain Acetate malonate pathways | 4 |
| Q. 8 | Write in detail about acetate mevalonate pathway. | 4 |
| Q. 9 | Enlist drug containing anthraquinone cathartics. Give chemical test to distinguish different variety of aloe | 4 |
| Q. 10 | Define Tannins and Glycosides. Write down chemical constituents and uses of Asafoetida and Taxus | 4 |
| Q. 11 | Write down source, chemical constituents and uses of Dioscoria and Digitalis | 4 |