

3. (a) Write biological source, chemical tests and uses of cotton and jute. 8
- (b) Give an account on silk and tragacanth. 7
4. (a) Write biological source, method of preparation and uses of gelatin and musk. 8
- (b) Write a note on shellac and cantharides. 7
5. (a) Explain the method of preparation, chemical constituents and uses of shal, liver oil and cocoa butter. 8
- (b) Write a note on Bees wax and carnauba wax. 7
6. (a) What are enzymes ? Write a note on pepsin and hyaluronidase. 8
- (b) Give an account on talc and Kaolin. 7
7. Write notes on any **THREE** of the following :—
 - (a) Pectin
 - (b) Isapgghula
 - (c) Woolfat
 - (d) Sesame Oil
 - (e) Bentonite. 3×5=15

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B. Pharm. (Second Semester) (C.B.S.) Examination
PHARMACOGNOSY AND
PHYTOCHEMISTRY—II (2T5)
Paper—5

Time—Three Hours]

[Full Marks—80

- N.B. :—** (1) Question No. 1 is compulsory.
(2) Solve any **FOUR** questions from the remaining.
(3) Draw neat labeled diagram wherever necessary.
1. Solve any **FIVE** of the following :—
 - (a) What are lipids ? Differentiate between fats and waxes.
 - (b) Write about method of preparation of papain.
 - (c) Give biological source, chemical constituents and uses of Bael.
 - (d) Write about shilajit.
 - (e) Give chemical tests for castor oil.
 - (f) Write a chemistry of carbohydrates.
 - (g) Write a note on wool. 4×5=20
 2. (a) Describe collection, preparation, chemical tests and uses of Honey and cellulose. 8
 - (b) Write a note on Agar and Acacia. 7