

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 shark 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) Isapghula
 (c) Woolfat
 (d) Sesame Oil
 (e) Bentonite. 3×5=15

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