

**C.U.SHAH UNIVERSITY****Summer Examination-2017****Subject Name: Pharmacognosy II****Subject Code: 4PS03COG2****Branch: B.Pharm****Semester: 3****Date: 31/03/2017****Time: 10:30 To 01:30****Marks: 70****Instructions:**

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
  - (2) Instructions written on main answer book are strictly to be obeyed.
  - (3) Draw neat diagrams and figures (if necessary) at right places.
  - (4) Assume suitable data if needed.
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**Q-1 Give the uses of following crude drugs: (14)**

- (a) Mentha (b) Coriander (c) Cinnamon (d) Honey (e) Lemon peel (f) Caraway  
(g) Isabgol (h) Starch (i) Beeswax (j) Castor oil (k) Dill (l) Eucalyptus  
(m) Sandal wood (n) Cocoa butter

**Attempt any four questions from Q-2 to Q-8****Q-2 Attempt all questions (14)**

- a) Discuss the histology of dicot and monocot root. **07**  
b) Discuss the histology of stem and leaf. **07**

**Q-3 Attempt all questions (14)**

- a) Explain general methods of obtaining volatile oils from plants. **07**  
b) Write a note on cotton. **07**

**Q-4 Attempt all questions (14)**

- a) Give botanical source, family, chemical constituents and uses of Dill. **07**  
b) Give botanical source, family, geographical source, chemical constituents and uses of Eucalyptus oil. **07**

**Q-5 Attempt all questions (14)**

- a) Give botanical source, family, geographical source, chemical constituents and uses of Agar. **07**  
b) Give source, constituents and uses of Honey. **07**

**Q-6 Attempt all questions (14)**

- a) Write a note on Shark Liver oil **07**  
b) Give source, constituents and uses of Beeswax. **07**

**Q-7 Attempt all questions (14)**

- a) Describe method of preparation of Gelatin. **07**  
b) Write a note on substitution of clove. **07**

**Q-8 Attempt all questions (14)**

- a) Write a note on pharmaceutical aids. **07**  
b) Write a note on natural colours. **07**

