C.U.SHAH UNIVERSITY
Summer Examination-2019

Subject Name: Pharmacognosy II
Subject Code: 4PS03COG2   **Branch: B.Pharm**
Semester : 3   **Date : 20/03/2019**   **Time : 02:30 To 05:30**   **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.

Q-1	Give the uses of following crude drugs		14

  a) Lemon peel   b) Acacia   c) Lemon grass   d) Valerian   e) Lemon grass
  f) Shark liver oil   g) Kokum butter   h) Sandal wood   i) Sterculia   j) Wool Fat
  k) Sodium alginate l) Cassia   m) Chenopodium   n) Cinnamon

Attempt any four questions from Q-2 to Q-8

Q-2	a	Differentiate between Dicot and Monocot	7
	b	Define Pharmaceutical Aids. Enumerate various applications of Pharmaceutical aids with suitable examples.	7
Q-3	a	Describe method of preparation of Gelatin.	7
	b	Explain principle of direct steam distillation method by proper illustration.	7
Q-4	a	Describe general morphological and microscopical characters for identification of Umbelliferous fruits.	7
	b	Write biological source, family, chemical constituents, discuss detailed microscopic characters and uses of Clove.	7
Q-5	a	Write a brief note on importance of fibres in pharmaceutical industries.	7
	b	Write biological source, family, chemical constituents, discuss detailed microscopic characters and uses of Cinnamon	7
Q-6	a	Write biological source, family, chemical constituents, discuss detailed microscopic characters and uses of Fennel.	7
	b	Write a note on i) Hydancarpous oil ii) Shark liver oil	7
Q-7	a	Enumerate and explain in brief various methods of Volatile oil extraction	7
	b	Write biological source, family, chemical constituents, discuss detailed microscopic characters and uses of Eucalyptus leaf.	7
Q-8	a	Give biological source, cultivation, collection, method for preparation, chemical constituents and uses of Agar.	7
	b	Define and Classify Fibres with suitable examples. Give general identification tests for Fibres with suitable examples	7