

C.U.SHAH UNIVERSITY

Winter Examination-2015

Subject Name : Pharmacognosy II

Subject Code : 4PS03COG2

Branch :B.Pharm

Semester : 3

Date :10/12/15

Time :2:30 To 5:30

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 Attempt the following questions:

(14)

Define the following

- a) Carbohydrates b) Lipids c) Volatile Oil d) Fixed Oil

Give the Uses of following Crude drugs

- e) Chenopodium f) Mentha g) Talc h) Linseed oil
i) Sesame oil j) Gelatin k) Valerian l) Hydrocarpus oil
m) Diatomite n) Eucalyptus

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

- Q-2** a. Give source, constituents and uses of Honey. (7)
b. Write a note on Shark Liver oil (7)
- Q-3** a. Explain principle of direct steam distillation method by proper illustration. (7)
b. How Clove buds can be substituted? Give properties of clove oil. (7)
- Q-4** a. Explain in brief ethereal oil and mention about Ecuelle technique. (7)
b. Write a note on natural colours. (7)
- Q-5** a. Enumerate different screening methods for Carbohydrates. (7)
b. Give botanical source, family, geographical source, chemical constituents and uses of Agar. (7)
- Q-6** a. Draw detail transverse section of coriander fruit with proper labels. (7)
b. Give botanical source, family, geographical source, chemical constituents and uses of Cotton. (7)
- Q-7** a. Give botanical source, family, geographical source, chemical constituents and uses of cardamom. (7)
b. Describe method of preparation of Gelatin. (7)
- Q-8** a. Discuss general characters of Umbelliferous fruits. (7)
b. Give botanical source, family, chemical constituents and uses of Dill. (7)

