Enrollment No: _____ Exam Seat No:_____

C.U.SHAH UNIVERSITY

Summer Examination-2017

Subject Name: Pharmacognosy I

Subject Code: 4PS02COG1 **Branch:** B.Pharm

Semester: 2 **Date : 12/05/2017** **Time : 02:00 To 05:00** **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 **Define the following terms :** **(14)**

a) Pharmacognosy
b) Crude drugs
c) Polyploidy
d) Stomata
e) Stomatal index
f) Types of stomata
g) plant tissue culture
h) Mutation
i) Phloem Fibres
j) Palisade Ratio
k) Vein-termination number
l) Vein-islet number
m) Calcium oxalate crystals
n) Hybridization

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

Q-2 **Attempt all questions** **(14)**

a. Explain history and scope of Pharmacognosy. **(7)**
b. Write a short note on Homeopathic system. **(7)**

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

a. Write a short note on Unani and Siddha system of medicine. **(7)**
b. Write a short note on Ayurveda. **(7)**

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

a. Discuss the plant sources of crude drugs **(7)**
b. Explain pharmacological classification of crude drugs. **(7)**

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

a. Explain role of fertilizers on cultivation of crude drugs. **(7)**
b. Discuss the Role of herbal drugs in national economy **(7)**

Q-6		**Attempt all questions**	**(14)**
	a.	Write a short note on Papaveraceae family and its characters.	**(7)**
	b.	Write a short note on Solanaceae family.	**(7)**
Q-7		**Attempt all questions**	**(14)**
	a.	Enumerate plant hormones. Explain any one.	**(7)**
	b.	Write a short note on adulteration of crude drugs	**(7)**
Q-8		**Attempt all questions**	**(14)**
	a.	Write a short note on chemical evaluation of crude drug.	**(7)**
	b.	Discuss the physical evaluation of crude drug.	**(7)**