

Enrollment No: _____

Exam Seat No: _____

C.U.SHAH UNIVERSITY

Summer Examination-2019

Subject Name : Pharmacognosy I

Subject Code : 4PS02COG1

Branch: B.Pharm

Semester : 2

Date : 29/04/2019

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.
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Q-1 Attempt the following questions: Each question carries 1 mark. Define the following. (14)

- a) Mesophyll region b) Corolla c) Adulterant d) Phytochemistry e) Phloem
f) Gynoecium g) Official crude drug h) Auxins i) Vascular Bundle j) Ovary
k) Xylem l) Hybridization m) Trichomes n) Vein termination number

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

- Q-2 a Explain various factors influencing variability in drug activity 7
 b Give chemical and pharmacological classification of crude drug in detail 7
 a Explain Homeopathic and Allopathic system of medicine 7
Q-3 b Give the classification of Crude drugs with examples, differentiate between official 7
 and unofficial crude drug
Q-4 a Enumerate in brief various organoleptic and biological parameters for quality control 7
 of crude drugs
 b Explain in detail polyploidy and mutation 7
Q-5 a Explain in detail various cultivation techniques of crude drugs 7
 b Give examples of Plant hormones, Write a note on Gibberellins 7
Q-6 a Explain floral formula and draw floral diagram of Apocynaceae family with examples 7
 b Explain hybridisation and its role in cultivation of medicinal plants 7
Q-7 a Explain floral formula and draw floral diagram of Liliaceae family with examples 7
 b Explain microscopical evaluation of crude drugs with examples 7
Q-8 a Explain floral formula and draw floral diagram of Graminae family with examples 7
 b Explain floral formula and draw floral diagram of Labiatae family with examples 7

