

Seat No.:-----

Enrolment No.:-----

UKA TARSADIA UNIVERSITY

Maliba Pharmacy College

B. Pharm 2nd Semester Internal Examination April 2014 (*Mid-Sem*)

030020204- Pharmacognosy-I

Time: 10:30 a.m. To 12:30 p.m.

Max. Marks: **40**

Date: 10/04/2014

Instructions:

- Attempt any **FIVE** questions.
- Each question carries **08** marks.
- Make suitable assumption whenever necessary.
- Figures to the right indicate full marks.

- Q.1 A) What do you mean of the term “Pharmacognosy”? Explain this term with its scope. 04
- B) What is the contribution of various scientists in the development of Pharmacognosy? 04
- Q.2 A) Differentiate the following: (any TWO) 04
- i) Simple leaf and Compound leaf
 - ii) Dicot stem and Monocot stem
 - iii) Organized drug and Unorganized drug
- B) Enlist methods of classifying crud drugs and explain chemical classification with examples. 04
- Q.3 A) Discuss about various shape and margin of leaves with diagram. 04
- B) Write a note on modification of roots for different functions. 04
- Q.4 A) i) Classify the different methods used for cultivation of medicinal plants. 04
- ii) Write down different sources of crud drugs with examples.
- B) Define: Bark, Fruit, Seed, Flower 04
- Q.5 A) List out various factors affecting cultivation and explain one of them with example. 04
- B) Write a note on plant growth regulator which supports the apical dominance in plant. 04
- Q.6 A) Define carbohydrates and give detail classification with examples. 04
- B) Write a note on chemical tests for carbohydrates. 04
- Q.7 A) Write a detail pharmacognosy of Guar Gum. 04
- B) Write uses of following 04
- i) Ispgol ii) Peptin iii) Starch iv) Sodium alginate