

Seat No.:-----

Enrolment No.:-----

**UKA TARSADIA UNIVERSITY**

**Maliba Pharmacy College**

**B. Pharm 4<sup>th</sup> Semester Internal Examination April 2014 (Mid-Sem)**

**030020404- Pharmacognosy-II**

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.

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|-----|----|--|---|
| Q.1 | A) | Describe pharmacognostic study of Senna.   | 4 |
|     | B) | Write biological source, constituents, chemical test and uses of Turmeric.       | 4 |
| Q.2 | A) | Write pharmacognostic study of Liquorice root.                                   | 4 |
|     | B) | Write biological source, constituents, chemical test and uses of Ginger.         | 4 |
| Q.3 | A) | Describe pharmacognostic study of Digitalis leaf.                                | 4 |
|     | B) | Define and classify resins with example?   | 4 |
| Q.4 | A) | Define and classify glycoside with example and write chemical test.              | 4 |
|     | B) | Write biological source, constituents, chemical test and uses of Asafoetida.     | 4 |
| Q.5 | A) | Draw a well labeled T. S. of Linseed.  | 4 |
|     | B) | Write biological source, chemical constituents and uses of Gentian and Rhubarb.  | 4 |
| Q.6 | A) | Give differences between Cassia and Cinnamon.                                    | 4 |
|     | B) | I) Write chemical constituents and uses of clove.                                | 2 |
|     |    | II) Write morphology of mentha leaf.   | 2 |
| Q.7 | A) | Enlist general techniques of obtaining volatile oil. Describe any one in detail. | 4 |
|     | B) | I) Difference between European Dill and Indian Dill                              | 2 |
|     |    | II) Write Physical and Chemical properties of volatile oil.                      | 2 |