

Seat No.:-----

Enrolment No.:-----

**UKA TARSADIA UNIVERSITY**

**Maliba Pharmacy College**

B.Pharm 2<sup>nd</sup> Semester Internal Examination 2012

**030020204- Pharmacognosy-I**

Time: 1:30 to 4:30 p.m.

Max. Marks: **70**

Date: 19/04/2012

**Instructions:**

- Question no. **1 is compulsory.**
- From Q.2 to Q.7 attempt any **four** questions.
- Make suitable assumption whenever necessary.
- Figures to the right indicate full marks.

<b>Q.1</b>	(a)	Answer the following: (any six)	<b>06</b>
		1 What is unorganized drug?	
		2 Write source of silk fiber.	
		3 Define hybridization.	
		4 What does mean of clay?	
		5 Define lenticels and stomata.	
		6 Define actinomorphic flower.	
		7 Write function of micropyle.	
		8 What is periderm?	
	(b)	Describe in brief: (any four)	<b>08</b>
		1 Give identification test for wool.	
		2 Write preparation method of absorbent cotton.	
		3 Write a short note on mutation.	
		4 Write down methods of collection of bark.	
		5 Differentiate simple and compound leaf.	
		6 Explain arrangement of floral part on thalamus.	
<b>Q.2</b>	(a)	List out factor affecting cultivation and explain any one of them.	<b>04</b>
	(b)	Define Pharmacognosy and write its scope?	<b>05</b>
	(c)	Explain various types of shapes and bases of leaf.	<b>05</b>
<b>Q.3</b>	(a)	Describe morphology of bark	<b>04</b>
	(b)	Write in brief morphological classification of crude drug with example.	<b>05</b>
	(c)	Write a note on types of soil and fertilizer.	<b>05</b>
<b>Q.4</b>	(a)	Explain various part of root	<b>04</b>
	(b)	Define adulteration; write various methods of making adulteration?	<b>05</b>
	(c)	Enumerate methods of cultivation and give advantages of cultivation.	<b>05</b>
<b>Q.5</b>	(a)	Explain in brief methods of crude drug collections.	<b>04</b>
	(b)	Explain in brief microscopic evaluation of crude drugs.	<b>05</b>
	(c)	Write short note on adventitious roots.	<b>05</b>
<b>Q. 6</b>	(a)	How will you differentiate wool and silk fiber?	<b>04</b>
	(b)	Enlist plant growth regulators and write in brief about auxin.	<b>05</b>
	(c)	Write differences between monocot and dicot plants.	<b>05</b>
<b>Q.7</b>	(a)	Short note on marine drugs.	<b>04</b>
	(b)	What are the types of inflorescence? Explain racemose type of inflorescence.	<b>05</b>
	(c)	Describe underground modification of stem.	<b>05</b>