

# C.U.SHAH UNIVERSITY

## Summer Examination-2022

**Subject Name: Pharmacognosy and Phytochemistry I - Theory**

**Subject Code: BP405T**

**Branch: B.Pharm**

**Semester: 4**

**Date: 07/05/2022**

**Time: 11:00 To 02:00**

**Marks: 75**

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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<b>Q-1</b>	<b>Briefly explain the following:</b>	<b>(20)</b>
	a) Crude drugs	2
	b) Adulteration	2
	c) Synthetic seed	2
	d) Flavonoids	2
	e) Resins	2
	f) Cotton	2
	g) Acid value	2
	h) Saponification value	2
	i) Iodine value	2
	j) Beeswax	2

**Attempt the following questions:**

<b>Q-2</b>	<b>Attempt any two of following : (2*10 Marks = 20 Marks)</b>	<b>(20)</b>
<b>A</b>	Define drug evaluation. Classify them. Explain microscopic evaluation.	<b>10</b>
<b>B</b>	Explain various types of cultivation. Note on soil factors affecting cultivation.	<b>10</b>
<b>C</b>	Explain various types of plant tissue culture.	<b>10</b>
<b>Q-3</b>	<b>Attempt any Seven of following : (7*5 Marks = 35 Marks)</b>	<b>(35)</b>
<b>A</b>	Explain history, scope and development of Pharmacognosy.	<b>5</b>
<b>B</b>	Explain various analytical methods of drug evaluation	<b>5</b>
<b>C</b>	Write a note on harvesting of crude drugs.	<b>5</b>
<b>D</b>	Explain the role of various plant hormones in growth of medicinal plants.	<b>5</b>
<b>E</b>	Explain classification and biological role of alkaloids.	<b>5</b>
<b>F</b>	Write a note on Ayurveda and Siddha systems of medicines.	<b>5</b>
<b>G</b>	Explain detail about Agar and Tragacanth.	<b>5</b>
<b>H</b>	Write a note on Pepsin and Streptokinase	<b>5</b>
<b>I</b>	Explain Castor oil and Chaulmoogra oil.	<b>5</b>

