	Sanjay Ghodawat University, Kolhapur Established as State Private University under Govt. of Maharashtra. Act No XL, 2017	2020-20 EXM/P/09/00

Year and Program - First year D.Pharm (2020-21)	School of Pharmaceutical Sciences	Department Pharmacy
Course Code - DP103T	Course Title Pharmacognosy (T)	Part-I
Day and Date:11.08.2021,Wednesday	Examination: Annual Exam	Max Marks: 50 Time :2hrs

Instructions: 1. All questions are compulsory

2. Figures to right indicate full marks

3. Mobile Phones and any other electronic devices are not permissible in Examination hall.

			Marks	Bloom's Level	CO
Q.1		**Short answer question.**	**12**		
		Answer any Six out of Eight (2 x 6)			
	a	Define Pharmacognosy. Name the scientist who coined the term pharmacognosy.	02	1	1
	b	Define with examples 1. Antihypertensive 2. Antitussives	02	2	3
	c	Draw well labeled digramme of microscopy of Nux Vomica.	02	2	3
	d	Which part of the plant is used as crude drug? 1.Ipecacuanha 2. Digitalis 3. Cinnamon 4. Shatavari	02	1	3
	e	Write Significance of following terms with respect to evaluation of natural drugs 1. Moisture Content 2. Ash Value	02	2	4
	f	Write sources of Natural Drugs with examples.	02	1	1
	g	Write pharmaceutical Aid with examples.	02	1	2

	h	Write name of drug which has following uses 1. Antimalarials 2. Laxative	02	1	3
Q.2		**Explain with suitable diagram, flow chart.** **Answer any Three out of Five (3x3)**	**09**		
	a	Describe Alkaloids with examples. Write Identification tests for Alkaloids.	03	2	2
	b	Describe volatile oil with respect to their properties, classification and uses.	03	2	2
	c	Explain note on Opium collection and preparation for market.	03	2	5
	d	Describe Biological source, chemical constituents and uses of Rauwolfia.	03	2	3
	e	Explain T.S of Datura with a well labeled diagram.	03	2	4
Q3		**Illustrate following with suitable example.** **Answer any Three out of Five (3x3)**	**09**		
	a	Explain Adulterations in brief.	03	2	4
	b	Explain Biological source, chemical constituents and uses of Senna.	03	2	3
	c	Illustrate Uses of following drugs 1. Vasaka 2. Ergot 3. Fennel	03	3	2
	d	Describe gelatin with respect to biological source, chemical tests and uses.	03	3	5
	e	Explain Various Leaf Constants.	03	2	4
Q.4		**Write a short note on following** **Answer any Two out of Three (3x2)**	**06**		
	a	Describe biological source, chemical constituents and uses of Ergot.	03	2	3
	b	Explain Indigenous system of medicine.	03	2	2

	c	Explain uses of following drugs 1. Fennel 2. Ipecacuanha 3. Digitalis	03	2	3
Q.5		**Discuss the following** **Answer any Two out of Three (3x2)**	**06**		
	a	Illustrate note on organoleptic method for evaluation of natural drugs.	03	3	5
	b	Explain following terms with examples 1. Cardiotonics 2. Antileprotics 3. Diuretics	03	2	3
	c	Note on isolation methods for volatile oil.	03	2	1
Q6.		**Long answer questions** **Answer any Two out of Four (4x2)**	**08**		
		Illustrate Chemical tests, Chemical constituents and Uses of following crude drugs		3	2
	a	Senna	04		
	b	Digitalis	04		
	c	Tragacanth	04		
	d	Pale Catechu	04		