GUJARAT TECHNOLOGICAL UNIVERSITY DIPLOMA PHARMACY – SEMESTER – I • EXAMINATION – SUMMER-2017

Subject Code: PHARMACOGNOSY Date:31/ Subject Name: 410003				
Time Instru 1. 2. 3.	me: 10:30AM TO 1:30PMTotal Marks: 80structions:1.1.Attempt any five questions.2.Make suitable assumptions wherever necessary.3.Figures to the right indicate full marks.4.Draw neat & clean diagram wherever necessary.			
Q.1	(a)	Define Pharmacognosy. Discuss the various tradition	onal systems of medicine	06
	(b) (c)	and scope of Pharmacognosy. Write a note on any one Unorganised drug from nat Define Essential oil. Describe any one drug contain		05 05
Q.2	(a)	Explain the term adulteration. Discuss organoleptic evaluation of crude drugs in detail.		
	(b)	Classify tannins with suitable example/s. Differentiate Pale catechu and Black 05 catechu.		
	(c)	Describe the complete Pharmacognosy of Antihypertensive drug. 0		05
Q.3	(a)	Define Glycoside. Classify them with suitable example/s. Discuss the identification tests for the glycoside.		
	(b) (c)	 Describe any one drug used in amoebic dysentery C Write short note on the followings : (Any ONE) a) Properties and identification tests for alkalo b) Leaf constants c) Fibres used in surgical dressing 		05 05
Q.4	(a)	 Describe chemical tests for the identification of foll i. Agar ii. Asafoetida iii. Aloe iv. Nux Vomica v. Digitalis 		06
	(b) (c)	Explain the term Diuretic. Write a note on any one Write a note on adulteration of Digitalis and Datura	-	05 05
Q.5	(a)	Define Alkaloids. Classify them with suitable example/s. Discuss the Isolation 08 of alkaloids from crude drugs.		
	(b)	Describe the complete Pharmacognosy with Life cy	cle of Ergot.	08
Q. 6	(a)	 Write Botanical Source & Uses for the following drugs : (Any FOUR) i. Nux vomica ii. Glycyrrhiza iii. Harde iv. Tulsi 		08

- v. Withania
- vi. Turmeric

(b) Give the Diagnostic/Identification characters with neat & labeled diagram for the following drugs : (Any FOUR)

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- a) Senna
- b) Vinca
- c) Cinnamon
- d) Vasaka
- e) Fennel
- f) Datura

Q.7 Write a note on the followings : (Any FOUR)

- a) Pharmaceutical aids
- b) Hypolipidemic drug
- c) Antimalarial drug
- d) Antitussive drug
- e) Bulk laxative drug
- f) Resin and Resin combinations
