Bachelor of Pharmacy (B. Pharm) Fifth Semester (CBS-Old) **BP504 - Pharmacognosy-III**

	iges:		Hours		* 0 8	8 6 9		GUG/W/18/ Max. Mark	
	Notes			-	wers whereve	r nece	essary with the help of r		
1.		Att a) b) c) d) e) f)	Wr Des Dif Giv patl Giv	hway. re brief account of	et extraction. of extraction of fixed oils & v presentation of plant bitters.	olatil of forn			16
2.		Define and classify Lipids. State the biological source method of preparation, chemical constituents and uses of castor oil and Shark liver oil.							16
3.		What are terpenoids? Give the general properties classification & Enfleurage method of extraction of volatile oils.							16
4.	a)	Write a note an Argus container natural colour and dyes.					10		
	b)	Write a note on super critical fluid extraction.						6	
5.	a)	What is biosynthesis? Give an account of primary & secondary metabolite's production from carbon metabolism in plants.						12	
	b)	Write an account on plant sweeteners.						4	
6.	a)	Define & classify enzymes. Explain the method of collection and preparation of papain and pepsin.						10	
	b)	Give the method of collection and preparation of cinnamon bark along with its biological source chemical constituents & uses.							6
7.		Me a) c) e)		eswax ve	irce, morpholo	ogy, cob) d) f)	hemical constituents an Cardamom Cod liver oil Gelatin	d uses of any four.	16
