

**S.D.College of Pharmacy (245)
Janaula, Pataudi (Gurugram)
Lesson Plan**

Name of the Faculty : Amit singh
Discipline : Pharmacy
Year : 1st year
Subject : Pharmacognosy
Lesson plan duration : weeks (16August.2019 to April. 2020)
Work load : Theory -Lecture 03hours / week,

Week	Theory			Practical		
	Lecture Day	Topic (including assignment / test)	Covered Date	Practical Day	Topic	Covered Date
1.	1	Definition, history and scope of pharmacognosy			INTRODUCTION	
	2	Indigenous system of medicine, classification of drugs and natural origin				
	3	Indigenous system of medicine, classification of drugs and natural origin				
2.	1	Adulteration of drugs and evaluation			Identification of drug senna by morphological characters	
	2	Significance of pharmacopoeial standards				
	3	Significance of pharmacopoeial standards				
3.	1	Types of adulteration			Identification of drug digitalis by morphological characters	
	2	Brief outline of occurrence and distribution				
	3	Outline of isolation, identification test				
4.	1	Therapeutic effect and pharmaceutical application of alkaloids			Identification of drugs vasaka by morphological characters	
	2	Terpenoids, glycosides				
	3	Volatile oils , tannins				
5.	1	resins			FILE CHECK AND VIAVA	

	2	ASSIGNMENT				
	3	TEST				
6.	1	Significance of pharmacopoeial standards, Outline of isolation, identification test			Identification of drug gymnema by morphological characters	
	2	Therapeutic effect and pharmaceutical application of ...				
	3	Laxative: Aloes				
7.	1	Rhubarb, castor oil			Identification of drug tulsi by study of morphological character	
	2	Ispaghula and senna				
	3	Preparation of Sessional exam				
8.	1	1ST SESSIONAL EXAM			SESSIONAL	
	2	SESSIONAL				
	3	SESSIONAL				
9.	1	Cardiotonics: Digitalis and Arjuna			Identification of drug belladonna by study of morphological character	
	2	Carminatives and G.I regulators: umbelliferous fruits				
	3	Coriander, fennel and ajowan				
10	1	Cardamom, ginger and black pepper			FILE CHECK AND VIVA	
	2	Asafoetida, nutmeg				
	3	Cinnamon and clove				
11	1	Astringents: catecheu			Identification of drug neem by study of morphological character	
	2	Astringents: catecheu				
	3	Drugs acting on nervous system: hyoscyamus				
12		Drugs acting on nervous system: belladonna, aconite, ashwagandha			Identification of drug arjuna by study of morphological character	

13	1	Ephedra, opium			Identification of drug ashoka by study of morphological character	
14	1	Cannabis and nux vomica			FILE CHECK AND VIVA	
	2	TEST				
15	1	Antihypertensive : rauwolfia			Identification of drug cinchona by study of morphological character	
	2	Antitussive: vasaka, tulsi				
	3	Tolu balsam				
16	1	Antirheumatics: guggal and colchicum			Identification of drug cinnamon by study of morphological character	
	2	Antitumour: vinca				
	3	Antileprotics: chaulmoogra oil.				
17	1	Antidiabetics: pterocarpus			Identification of drug clove by study of morphological character	
	2	Gymnema sylvestro				
	3	Diuretics; Gokhru and punarnava				
18	1	ASSIGNMENT			FILE CHECK AND VIVA	
	2	Antidysenterics: Ipecacuanha				
	3	Antiseptics and disinfectants: benzoin				
19	1	Myrrh, neem			Identification of drug pyrethrum by study of morphological character	
	2	curcuma				
	3	TEST			Identification of drug amla by study of morphological character	
20	1	Antimalarials: cinchona			Identification of drug coriander by study of morphological character	
	2	Oxytocics: ergot				
	3	Vitamins: shark liver oil				
21	1	Amla			FILE CHECK AND VIVA	
	2	Enzymes: papaya, diastase and yeast				
	3	Perfumes and flavouring agents: peppermint oil, lemon oil				

22	1	Orange oil and lemon grass oil			Identification of drug caraway by study of morphological character
	2	Sandal wood			
	3	REVISION			
23		2nd Sessional			
24		Winter Vacation			
25		Winter Vacation			
26	1	Pharmaceutical aids: Honey			Identification of drug cardamom by study of morphological character
	2	Arachis oil , starch and kaolin			
	3	Pectin, olive oil			
27	1	Lanolin, beeswax and acacia			Identification of drug ajowan by study of morphological character
	2	Tragacanth and sodium alginate			
	3	Agar and guar			
28	1	Gelatin and gum			FILE CHECK AND VIVA
	2	Miscellaneous; Liquorice and garlic			
	3	Picrorhiza, dirscora and linseed			
29	1	Shatavari, shankpushpi			Identification of drug black pepper by study of morphological character
	2	Pyrethrum and tobacco			
	3	Collection and preparation of crude drugs for the market as exemplified by :Ergot			
30	1	Opium and rauwalfia			Identification of drug orange peel by study of morphological character
	2	Digitalis and senna			
	3	TEST			

31	1	Study of source , preparation and identification of fibres used in sutures			FILE CHECK AND VIVA	
	2	Surgical dressing				
	3	Cotton and silk				
32	1	wool			REVISION	
	2	Regenerated fibres				
	3	ASSIGNMENT				
33	1	Gross anatomical study of : senna			REVISION	
	2	Datura				
	3	Cinnamon and cinchona			REVISION	
34	1	Fennel and clove				
	2	Ginger				
	3	Nux vomica and ipecacuanha				
35		3rd Sessional				
36	1	ASSIGNMENT				
	2	REVISION				
	3	REVISION				
37	1					
	2					
	3					

