BP 603 T

2025

B.Pharm. 6th Semester (Regular) End-Term Examination Central Library Girijananda Condition, University HERBAL DRUG TECHNOLOGY Hatkhowania Azara Ghy-17

Full Marks - 75

Time - Three hours

		The	figures in the margin ind	licate full	marks for the questions.		
1.	Multiple choice questions (MCQ) (Answer ALL questions)						
	(i)	Which of the following is a constituent of Fenugreek					
		(a) '	Trigonelline	(b)	Isovanillin		
		(c)	Eicosapentaenoic acid	(d)	Alicin		
	(ii)	Farn	ner's Right comes under				
		(a)	Seed Act 1966	(b)	Indian Patent Act 1970		
		(c)]	PPVFR Act 2001	(d)	None of the above		
	(iii)		h of the following nat mess than sugar	ural swe	eeteners have 30-150 times	more	
		(a)]	Liquorice	(b)	Honey		
		(c) s	Stevia	(d)	Bitter orange		
	(iv) Which of the following is NOT a quantitative test for fixed oils a						
		(a)	Viscosity	(b)	Reichert-Meissel value		
		(c)]	Peroxide value	(d)	Hydroxyl value		
	(v)	he ASU Pharmacopoeial limit for Lead in raw drugs is					
		(a) (0.3 ppm	(b)	1.0 ppm		
		(c)	1.3 ppm	(d)	1.00 ppb		
	(vi)	Phrases, symbols and designs are protected under which IPR					
		(a)]	Indian Patent Act, 1970				
		(b) '	Γrademarks Act, 1999				
		(c) (Copyright Act, 1957				
		(d)]	Design Act, 2000				

(vii) In patients with G6PD enzyme deficiency, administration of cause				ency, administration of Gingko may				
		(a)	bleeding	(b)	severe anaemia			
		(c)	hypertension	(d)	seizures			
	(viii)	iii) Which of the following is a bipyridyl pesticide:						
		(a)	Warfarin	(b)	Pyrethrin			
		(c)	Paraquat	(d)	Malathion			
		On September 1997, the US Patent office granted patent on an indigenous plant variety of India, which was later revoked. The plant variety is						
		(a)	Turmeric	(b)	Neem			
		(c)	Basmati Rice	(d)	Tea bran			
	(x)	PPV	VFR Act 2001 complies with w	hich	article of TRIPs.			
		(a)	27.3a	(b)	27.3c			
		(c)	27.3b	(d)	Tea article of TRIPs. 27.3c 25.3b Bina Chondal Charles Azara. Ghy-17 wurveda? Gingananda Charles Azara. Ghy-17			
	(xi)	Wh	at is the meaning of "Swaras"	in Ay	vurveda? Gillatkins			
		(a)	Decoction	(b)	Buttermilk			
		(c)	Ghee	(d)	Expressed juice			
(xii) ASU Drugs Technical Advisory Board was formed according to section of Drugs and Cosmetics Act, 1940?								
		(a)	Section 33C, Chapter IV	(b)	Section 30C, Chapter IV			
		(c)	Section 30C, Chapter V	(d)	Section 33C, Chapter V			
	(xiii)		e international organisation owledge systems is	for	protecting the rights of indigenous			
(a) Trade related Aspects of Intellectual Prope				ual Property Rights				
(b) Convention on Biological Diversity(c) World Intellectual Property Organization					y			
					nization			
		(d)	Traditional Medicines Congre	ess				
	(xiv)	Wh	ich of the following is an incin	erati	on process?			
		(a)	Shodhana	(b)	Marana			
		(c)	Chalan	(d)	Dhavan			
	(xv)	v) As per the Guidelines for testing of herbal medicines, a herbarium shoul stored for how many years?						
		(a)	3 years	(b)	6 years			
		(c)	15 years	(d)	10 years			

 (xvi)	xvi) Which microorganism should be completely absent in herbal me intended for internal use				
	(a)	E.coli	(b)	Salmonella	
	(c)	Yeast and molds	(d)	All of the above	
(xvii)	Biol	ogical source of mannitol is			
	(a)	Oryza sativa	(b)	Fraxinus ornus	
	(c)	Manihot esculanta	(d)	Chrondus chrispus	
(viii)		anufacturer is required to su Licensing Authority once in e		the records of market complaints to	
	(a)	6 months	(b)	3 months	
	(c)	12 months	(d)	9 months	
(xix)	For to p	preparation of phytosomes, hyto constituents is	the r	1:1 3:1 e compound Gingard Chlorophyll None of the above	
	(a)	2:3	(b)	1:1 Centry Chury Chy 17	
	(c)	2:1	(d)	3:1 Chowlet Azara	
(xx)	Henr	na gives color to the hair due	to the	e compound Girile 184	
	(a)	Lawsone '	(b) .	Chlorophyll	
	(c)	Curcumin	(d)	None of the above	
	Section 1	ver (Answer Seven):	4	7×5	
(a) '	Write a note on processing of herbal raw materials with respect to GCAP.				
	What are biodynamic agriculture? Enumerate some examples where microbes can be used as biopesticides.				
	Write in detail about the use of nutraceuticals in Irritable Bowel Syndrome and Diabetes.				
(d) 1	Write a note on GMP (Schedule T) of ASU medicines.				
(e) '	Write a note on natural antioxidants & natural sweeteners.				
(f) '	Write a note on the preparation and standardization of Lehya.				
(g) '	Write a note on the preparation and standardization of Bhasma.				
(h) '	Write a short note on binders and diluents used as herbal excipients.				
(i)]	Describe the role of Spirulina as health food.				
Long	answ	rer (Answer any <i>Two</i>):		2×10	
	What are herbal Cosmetics. Discuss quality control assessment of Herba cosmetics.				
	Discuss the case studies of Neem and Turmeric with respect to the Patents Act, 1970 and TKDL.				
		ss the principle of preparati	on ar	nd applications of phytosomes with a	