III. Short answers (Answer seven out of nine questions) 5x7=35

- 1. Write down the Five basic analytical tools used for herbal drug standardization? 5
- 2. Write down the secondary processing of Herbal Raw Materials. 5
- 3. Enumerate the case study of "Biopiracy of Curcuma". 5
- 4. Define bioprospection and Biopiracy. 2.5x2=5
- 5. Classify nutraceuticals with examples 3+2=5
- 6. Enlist the key factors related to the principle of Homeopathic medicine. 1x5=5
- 7. What are the key influencing factors that affect the stability of herbal drugs?
- 8. Write down the biological source, C.C., and utility of stevia? 1+2+2=5
- 9. Enlist the different herbal Sweetening and Perfume agents? 2.5x2=5

B Pharm Even Semester Examination, September, 2023

PHARMACEUTICAL SCIENCES

(6th Semester)

Course No: BP-603T

(Herbal Drug Technology- Theory)

FM: 75 Time: 3 Hours

The figures in the right margin indicate full marks for the question ${\it marks}$ for the question

I. A. Multiple Choice questions 1x10=10

- 1. Which one of the following is used as dental filling material
 - a) Neem

- b) Clove
- c) Salvadora persica
- d) Zinc Eugenate
- 2. Processing of herbal raw materials include
 - a) Primary processing
 - b) Specific processing
 - c) Drawing
 - d) All of the above
- 3. Herbal drug preparations are prepared by
 - a) Decoction
- b) Infusion
- c) Maceration
- d) All of the above

4.	Adva	antages of biopesticides are	
	a)	Natural	
	b)	Less toxic	
	c)	Effective in small concentration	
	d)	All of the above	
5.	The first Indian Book emphasize the concept of Ayurveda is		
	a)	Atherveda b) Charka Samhita	
	c)	Sushruta Samhita d) All of the above	
6.	Whi	ch part of Stevia to isolate sweetener?	
	a)	Root b) Bark	
	c)	Seed d) Leaf.	
7.	Biodynamic culture means		
	a)	Not to use pesticides	
	b)	Used organic fertilizers	
	c)	To optimize productivity	
	d)	All of the above	
8.	The members of the D.T.A.B. hold the office for a period of		
	a)	3 years b) 1 year	
	c)	5 years d) 7 years	
9.		dried female insect Coccus cacti are the ial source of:	
	a)	ShellaC b) Honey	

- Cochineal c) d) Cantharides 10. Herbs are defined as plants with Aromatic property Flavouring properties b) Medicinal properties c) All of the above. Objective type I. Enlist the key phytoconstituents of "Reetha"? 1. Exemplify two instances of Drug-food interaction. 2. 3. Define "Biopiracy". What is "TRIDOSHA" Define "LIPOSOMES" 5.
- II. Long answers (Answer two out of three 10x2=20questions)
- Highlight the key features of Phytosomes with a diagram. Describes its Merits and demerits. 4+2+2+2=10
- What is Schedule T? Enumerate the various objectives of GMP. Highlight the Key features of Sections 33-C, 33-D, 33-EEB, and 33-I, in one 2 + 4 + 4 = 10sentence
- Write in detail about the concept of the Ayurvedic system of medicine. 10

2x5=10