


**NAVVRACHANA
UNIVERSITY**
a ISO recognized University

School: School of Science
Program/s: Division of Biomedical and Life Sciences
Year: 2nd **Semester:** 3rd
Examination: End Semester Examination
Examination year: December 2022

Course Code: LS205 **Course Name:** Herbal Medicine - II
Date: 12/12/2022
Time: 11:30 am to 01:30 pm

Total Marks: 40
Total Pages: 02

Instructions:

- Use of a calculator is ~~permitted~~ not permitted.
- Draw neat and labelled diagrams charts wherever necessary.

Q. No.	Details	Marks	COs*	BTL#
Q.1	Fill in the Blanks:	(1 x 1 = 6 Marks)		
	1. Name the plant from which Ephedrine is reported.	1	CO1	BT1
	2. State the plants from which Iridoids are reported.	1	CO2	BT3
	3. Give plant example from which Sesquiterpenes are reported.	1	CO3	BT2
	4. Name plants containing Carotenoids.	1	CO4	BT3
	5. Seeds of, a Fabaceae member are found to be an excellent aphrodisiac.	1	CO4	BT3
	6. Name the indole-indoline dimeric alkaloids and which are used as oncolytic alkaloids effective against leukaemia cells.	2	CO1	BT1
Q.2	Answer <u>any four</u> of the following:	(2 x 4 = 08 Marks)	CO1, CO2, CO3, CO4	BT1, BT2, BT3
	1. Why <i>Celastrus paniculatus</i> is commonly referred to as Jyotishmati or Intellect tree?	2		
	2. Why Bala is referred to as a Rasayana drug?	2		
	3. State a few examples having Limonoids and Quassinoids as their active components.	2		
	4. Name a few active principles reported from <i>Catharanthus roseus</i> .	2		
	5. Give examples of plants having Saponins as its active principle.	2		

Q.3	Answer <u>any five</u> of the following:	(5 x 5 = 25 Marks)	CO1, BT1, CO2, CO3, BT2, CO4 BT3
	1. Discuss the role of Isoquinoline alkaloids.	5	
	2. Give a detailed account on some plants having Monoterpenoids as its active principle.	5	
	3. State the significance of Gums and Mucilages, with few examples.	5	
	4. Write a short note on Indole alkaloids.	5	
	5. Comment upon the active principles of Diterpenes, stating relevant examples.	5	
	6. Discuss some active principles of Monoterpenoids, stating relevant examples.	5	

*****End of Question Paper*****