


Name:			
Enrolment No:			
UPES End Semester Examination, May 2024			
Course: Quality Control and Standardization of Herbals Program: B. Pharmacy Course Code: BP 806 ET		Semester : VIII Duration : 03 Hours Max. Marks: 75	
Instructions: Draw neat labelled diagrams wherever necessary.			
SECTION A (20 Marks)			
	Attempt all questions from section A	Marks	COs
Q 1	Total ash is _____. a. Physiological ash b. Non-physiological ash c. Both the above d. None of the above	1	CO5
Q 2	Expand GCAP.	1	CO1
Q 3	Enumerate two examples of chemical marker.	1	CO4
Q 4	Define pharmacovigilance.	1	CO4
Q 5	List the significance of UMC.	1	CO3
Q 6	List any two parameters in the evaluation of crude drugs.	1	CO3
Q 7	Write the medicinal properties of senna.	1	CO3
Q 8	Write any two primary objectives of WHO guidelines.	1	CO3
Q 9	Write any two examples of biological evaluation of herbals.	1	CO2
Q 10	Stomata is the modification of..... a. Epidermis b. Collenchyma c. Sclerenchyma d. None of the above	1	CO2
Q 11	Which chromatographic technique is most apt for herbal drug evaluation? a. HPLC b. HPTLC c. Both d. None	1	CO2
Q 12	Brief the significance of stability testing of herbal drugs.	1	CO2
Q 13	Emetine is a phytoconstituent of _____. a. Vinca b. Senna c. Ipecac d. Ephedra	1	CO5

Q 14	Write any two advantages of HPTLC over TLC in evaluation of herbal drugs.	1	CO5
Q 15	Write the steps (names) involved in secondary processing of herbal crude drugs.	1	CO5
Q 16	Name the chemical test performed for the identification of senna glycosides.	1	CO1
Q17	Define vein termination number.	1	CO2
Q18	Write the formula to calculate stomatal index.	1	CO2
Q19	Write the reference compound used to compare the hemolytic activity of herbal drug.	1	CO3
Q20	List the apparatus used to determine arsenic content in herbals.	1	CO3
SECTION B (20 Marks) (2Qx10M=20 Marks) Attempt 2 Question out of 3			
Q 1	Explain in detail ICH guidelines of herbal drugs.	10	CO2
Q 2	List the importance of chromatography and explain in detail any two methods in evaluation of herbal drugs.	10	CO5
Q 3	Explain the test procedures for any two medicinal plant materials.	10	CO3
SECTION-C (35 Marks) (7Qx5M=35 Marks) Attempt 7 Question out of 9			
Q 1	Illustrate the macroscopical evaluation of herbal drugs.	5	CO4
Q 2	Write a note on clinical trials of herbal medicine.	5	CO3
Q 3	Write the test procedure for pharmaceutical dosage form-ORS.	5	CO3
Q 4	Explain the significance of biological markers with suitable examples in standardization of herbals.	5	CO2
Q 5	Briefly explain the GLP for medicinal plants.	5	CO1
Q 6	Write a note on ash values.	5	CO5
Q 7	Compare the benefits of herbal pharmacopoeia.	5	CO3
Q 8	Describe the concerns and aims of pharmacovigilance.	5	CO2
Q 9	Write a short note on stability testing of herbal drugs.	5	CO2