

Name:	
Enrolment No:	

**UPES**  
**End Semester Examination, December 2023**

<b>Course: Pharmaceutics</b> <b>Program: B. Pharma</b> <b>Course Code: BP 103T</b>	<b>Semester : I</b> <b>Duration : 03 Hours</b> <b>Max. Marks: 75</b>
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**Instructions: Attempt all the sections.**

**SECTION A**  
**(20Qx1M=20 Marks)**

S. No.		Marks	COs
Q. 1.	Year in which IP came into existence?	1	CO1
Q. 2.	Define “Pharmacy”?	1	CO1
Q. 3.	Explain Surfactants.	1	CO5
Q. 4.	Enumerate stability problems of suspension	1	CO4
Q. 5.	Define Monophasic Liquid dosage forms with example.	1	CO4
Q. 6.	What is dusting powder?	1	CO4
Q. 7.	Explain Displacement value	1	CO5
Q. 8.	Enlist name of different Pharmacopoeia	1	CO1
Q.9.	Define Gargles.	1	CO3
Q. 10.	Who was Hippocrates?	1	CO1
Q. 11.	State Metric system?	1	CO2
Q. 12.	What is emulgent. Explain with example.	1	CO1
Q. 13.	Define “Posology”	1	CO3
Q. 14.	Give formula to calculate dose based on Body surface Area	1	CO3
Q. 15.	Give uses of Iodine Paint.	1	CO4
Q. 16.	Explain proof spirit	1	CO2
Q. 17.	Calculate the dose for Diclofenac Sodium 250mg-adult dose for Abhay born on 28 March 1990.	1	CO2
Q. 18.	What are Geometric dilutions?	1	CO3
Q. 19.	State significance of R <sub>x</sub> in prescriptions	1	CO2
Q. 20.	List advantages of liquid dosage form.	1	CO5

**SECTION B (20 Marks)**  
**(2Qx10M=20 Marks)**

**Attempt 2 Question out of 3**

Q. 1.	Illustrate prescription with details regarding handling and errors in prescription.	10	CO2
Q. 2.	Discuss Emulsion, its types, and their evaluation parameters.	10	CO5
Q. 3.	Definitions, preparations, and uses of the following:  i. Ointment ii. Sugar Syrups	10	CO4

	iii. Simple Elixirs iv. Solution		
<b>SECTION-C (35 Marks)</b> <b>(7Qx5M=35 Marks)</b>			
<b>Attempt 7 Question out of 9</b>			
<b>Q. 1.</b>	Differentiate between o/w emulsion and w/o emulsion?	<b>5</b>	<b>CO5</b>
<b>Q. 2.</b>	Give a detail note on types of bases used in preparation of suppositories.	<b>5</b>	<b>CO5</b>
<b>Q. 3.</b>	Write a note on pharmaceutical incompatibilities.	<b>5</b>	<b>CO4</b>
<b>Q. 4.</b>	Define and classify Liquid dosage form. Explain Lotion with example.	<b>5</b>	<b>CO3</b>
<b>Q. 5.</b>	What are the ethical responsibilities of a pharmacist in relation to job and medical profession.	<b>5</b>	<b>CO1</b>
<b>Q. 6.</b>	Write a short note on History of Pharmacy in INDIA with reference to before and after independence?	<b>5</b>	<b>CO1</b>
<b>Q. 7.</b>	Enlist Excipients used in formulation of liquid dosage form.	<b>5</b>	<b>CO2</b>
<b>Q. 8.</b>	Write a note on factors affecting Posology?	<b>5</b>	<b>CO3</b>
<b>Q.9.</b>	State with diagram flocculated suspension and deflocculated suspension.	<b>5</b>	<b>CO4</b>