

Roll No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

**PARUL UNIVERSITY****FACULTY OF PHARMACY****B. PHARM FIRST SEMESTER****FIRST INTERNAL THEORY EXAMINATION: 2022-23****Subject Name: Pharmaceutics- I****Subject Code: BP103T****Time: 1 hr. 15 min****Date: 11-01-2023****Total Marks: 30****Instructions:**

- 1. Make suitable assumptions wherever necessary.**
- 2. Figures to the right indicate maximum marks.**

			<b>CO</b>	<b>BL</b>
<b>Q.1</b>	<b>Multiple Choice Questions.</b>	<b>10 Marks (10 X 1=10)</b>		
<b>1</b>	What is USP?	<b>(1)</b>	<b>1</b>	<b>1</b>
	a) The United States Pharmacology			
	b) The United States Pharmacy			
	c) The United States Pharmacopoeia			
	d) The United States Pharmaceutic			
<b>2</b>	When two or more drugs are used in combination to increase the pharmacological action, the phenomenon is known as .....	<b>(1)</b>	<b>1</b>	<b>2</b>
	a) Synergism			
	b) Tolerance			
	c) Potentiation			
	d) Idiosyncrasy			
<b>3</b>	The part of prescription called subscription contains	<b>(1)</b>	<b>1</b>	<b>2</b>
	a) Direction to the pharmacist			
	b) Direction to the patient			
	c) Direction to the patient's relatives			
	d) All of the above			
<b>4</b>	In the day of mythology, the symbol Rx was considered as a prayer to ....	<b>(1)</b>	<b>1</b>	<b>1</b>
	a) Jupiter			
	b) Jesus			
	c) Neptune			
	d) Dhanvantari			
<b>5</b>	An extra ordinary response to a drug which is different from its characteristics pharmacological action is called as	<b>(1)</b>	<b>1</b>	<b>1</b>
	a) Idiosyncrasy			
	b) Tolerance			
	c) Tachyphylaxis			
	d) Synergism			
<b>6</b>	The spatulation process is well suited for mixing of which of the following powder.....	<b>(1)</b>	<b>2</b>	<b>1</b>
	a) Hygroscopic			
	b) Volatile			
	c) Eutectic			
	d) Effervescent			
<b>7</b>	..... Method is used when potent substances are to be mixed with a large number of diluents.	<b>(1)</b>	<b>2</b>	<b>1</b>
	a) spatulation			
	b) trituration			
	c) geometric dilution			
	d) sifting			
<b>8</b>	Insufflations are introduced into which of these body cavities	<b>(1)</b>	<b>2</b>	<b>2</b>
	a) Nose			
	b) Throat			
	c) Ears			
	d) All of these			

<b>9</b>	What will increase the bulk of product.....?	<b>(1)</b>	<b>2</b>	<b>2</b>
	a) Processing aid	b) Diluent		
	c) Granulating Agent	d) organoleptic additive		
<b>10</b>	The basic requirement for effervescent granules is .....	<b>(1)</b>	<b>2</b>	<b>2</b>
	a) Citric acid	b) Tartaric acid		
	c) Sodium bicarbonate	d) All of the above		
<b>Q.2</b>	<b>Long Answer: (Answer Any one)</b>	<b>10 Marks (1 X 10 =10)</b>		
	1) Define Posology, enlist factors affecting the drug dose and explain 10 factors in detail.		<b>1</b>	<b>1</b>
	2) Discuss in brief about various part of a prescription. Making a prescription showing its various parts.		<b>1</b>	<b>2</b>
<b>Q.3</b>	<b>Short Answer: (Answer Any Two)</b>	<b>10 Marks (2 X 5=10)</b>		
	1) Describe the Advantages and Disadvantages of powder dosage form. Discuss the methods of mixing of powders.		<b>2</b>	<b>2</b>
	2) Describe a methods of solubility enhancement techniques.		<b>2</b>	<b>2</b>
	3) how many grams of phenol should be used to prepare 240g of 5% (w/w) solution in water.		<b>2</b>	<b>3</b>