Year and Program: T.Y.B. PHARM 2023-24	School of Pharmaceutical Sciences	Department : Pharmacy
Course Code: BP502T	Course Title: Industrial Pharmacy-I	Semester – V
Date:24-May-2024 Day: Friday Time:2.00 to 5.00PM	Examination: End Semester Exam Backlog	Max Marks: 75

Instructions: 1) All questions are compulsory.

2) Draw a neat labeled diagram if necessary.

			Marks	Bloom's Level	CLO
Q.1		**Objective Type Questions (10×2)**	**20**		
	a.	Define Preformulation	2	1	1
	b.	Classify the propellant with example.	2	1	1
	c.	What are ideal properties of tablet?	2	1	2
	d.	Define polymorphism with example.	2	1	1
	e.	Write uses of cold cream, vanishing cream.	2	1	3
	f.	Define BCS with classification.	2	1	1
	g.	Define Bloom strength.	2	1	3
	h.	Give two example of antioxidant used in parenteral.	2	1	3
	i	List the advantage and disadvantage of amorphous solid.	2	1	4
	j.	Write stabilizing agent used in eye drops.	2	1	1
Q.2		**Long Answers (Answer 2 out of 3)**	**20**		
	a.	With a neat labeled diagram, explain rotary compression process of tablet manufacturing. Discuss the defects in film coating process.	10	2	5
	b.	Define Preformulation Explain bulk characters in preformulation	10	2	3
	c.	Describe quality control tests for the parenteral dosage forms	10	2	4

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Q3		**Short Answers (Answer 7 out of 9)**	**35**		
	a.	Define Tablet Coating, Explain types of tablet coating.	5	2	2
	b.	Explain Dry granulation technique	5	2	2
	c.	Explain the steps involved in manufacturing of hard *gelatin capsules shells.*	5	2	4
	d.	Explain the quality control tests of capsules	5	2	1
	e.	Discuss in detail the formulation of parenterals.	5	2	1
	f.	Explain the quality control tests of aerosols.	5	2	3
	g.	Define cream write the formulation of foundation cream.	5	2	4
	h.	Explain the requirements for the ophthalmic preparations	5	2	2
	i.	Define Capsule, types of capsule along with its advantage and disadvantage.	5	2	4

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