1125

M.Sc. (Applied Chemistry / Pharmaceutical) First Semester Paper – 104: Introduction to Pharmaceutical Science

Max. Marks: 60 NOTE: Attempt five questions in all, including Question No. I which is compulsory and selecting one question from each Unit.

	and selecting one question y. x-x-x	
		(2 ×6)
	it witchle example	(2 ^0)
. i	Define or elaborate the following with suitable example	
Q.1	a) Ethics of pharmacy	
	L) Tinctures	
	Ouality control testing	
	c - ling of nowder	
	e) Scope of pharmacy profession	
	f) Oleoresins Unit I	(6,6)
Q.2	Discuss the following a) Enumerate different dosage forms and their need with the help of suitable	
Q.2	a) Enumerate different dosage form	
	example.	
	 a) Enumerate different dosage example. b) Discuss historical events for the development of pharmacy profession from 	(6,6)
	middle ages to current	
Q.3	Write a note on the following a) Pharmaceutical ingredients with suitable example	
	a) Pharmaceutical ingression	
	b) Official compendia Unit II a) Define maceration. Differentiate between modified and multiple maceration Define maceration? Describe briefly the process of percolation	(6,6)
	Description, Differentiate between modified and materials of percolation	
Q. 4	a) Define maceration. Differentiate between modified and multiple interest of percolation. b) What is principle of percolation? Describe briefly the process of percolation. b) What is principle of a suitable diagram.	. (12)
	b) What is principle of a suitable diagram.	f (12)
	b) What is principle of percolation. Determine with the help of a suitable diagram. Solution process Enumerate different methods of extraction. Discuss various factors affecting choice of the process.	
Q.	an extraction process Unit III	(6,6)
	an extraction process Unit III a) What are aromatic waters. Discuss two methods of preparation of aromatic waters. Discuss two methods of preparation of syrup	(0,07
	What are aromatic waters. Discuss two mounts	
Q.	What are aromatic waters. Discussions water with the help of suitable example. Water with the help of suitable example. Water with the help of suitable example.	(6,6)
	 a) What are around the water with the help of suitable example. b) What are syrups. Describe various methods of preparation of syrup b) What are syrups. Describe various methods of preparation of syrup 	of
	- the following	O1
Q	a) What are tinctures? Discuss briefly the interior	
	its preparation b) Discuss in details various methods of purifying water Unit IV	
	b) Discuss in details various methods of purious in Junit IV	(6,6)
	b) 2	with
	Discuss the following a) Differentiate between empirical and metric system of weights and volume value of the system of suitable example	
•	a) Differentiate between empirical and metric system.	
	the help of suitable example the help of suitable example is a methods of allegation with suitable example.	
	 a) Differentiate between empty the help of suitable example b) Write a note on various methods of allegation with suitable example 	(6,6)
	Q.9 Write a note on the following	
	Y" D. III NOVUED	
	a) Bulk powders b) Standards for powders	