1 | M-74695

www.FirstRanker.com

www.FirstRanker.com

(S31)-1492

Rol	I N	o. Total No. of Page	s : 01	
		No. of Questions: 06	4)	
	IVI . P	Pharmacy (Pharmaceutical Analysis) (2017 & Onwards) (Sem PHARMACEUTICAL VALIDATION	-1)	
		Subject Code: MPA-103T		
Tim	M.Code: 74695 Time: 3 Hrs. Max. Marks: 75			
1NS ⁻		ICTIONS TO CANDIDATES: tempt any FIVE questions out of SIX questions.		
2.		ach question carries FIFTEEN marks.		
Q1.	a)	Define Qualification. How is qualification of manufacturing equipments done?	(10)	
	b)	Discuss the qualification procedure for UV spectrophotometry.	(5)	
Q2.	a)	Detail the validation test for HVAC system.	(7.5)	
	b)	Explain the economic importance of intellectual property rights.	(7.5)	
Q3.		scuss in detail different types of patent application. Describe the procedure for plication of a PCT. (15)		
Q4.	a)	Write a detailed note on computerized system validation.	(10)	
	b)	What do you understand by the terms performance qualification and re-qualifica		
Q5.	Wı	rite short notes on Any Three:	(5)	
	a)	Qualification of HPLC	(5)	
	b)	Validation master plan	(5)	
	c)	Intellectual Property Protection	(5)	
	d)	Operational Qualification	(5)	
Q6.	a)	Discuss the process of qualification of volumetric flask and pipette.	(7)	
	b)	What do you mean by patent infringement? Discuss its scope.	(8)	
NO	ТЕ	: Disclosure of Identity by writing Mobile No. or Making of passing request of	on any	
		page of Answer Sheet will lead to UMC against the Student.		