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-	tal No. of Questions : 06	ges : 01
M.Pharmacy(Industrial Pharmacy) (2017 Batch) (Sem.–2) SCALE UP & TECHNOLOGY TRANSFER Subject Code : MIP-202T Paper ID : [74932]		
Time : 3 Hrs. Max. Marks: 75		
<ul> <li>INSTRUCTIONS TO CANDIDATES :</li> <li>1. Attempt any FIVE questions out of SIX questions.</li> <li>2. Each question carries FIFTEEN marks.</li> </ul>		
1.	a) What is meant by IQ, OQ arid PQ? Justify your answer considering these for a bed dryer.	Fluidized- (7.5)
	b) Distinguish between prospective, retrospective and concurrent validations.	(7.5)
2.	a) Describe the process for technology transfer of tablet process from R & D to plant.	production (7.5)
	b) What is 're-qualification'? Mention the reasons for re-qualification and methor this purpose.	d used for (7.5)
3.	a) What is vendor qualification? Briefly discuss the parameters that should be consideration for this purpose.	taken into (7.5)
	b) Comment on the importance of raw material validation and the parame considered for this purpose.	ters to be (7.5)
4.	a) How are water process systems validated?	(7.5)
	b) Comment on the importance and methods used for validating environme systems in a pharmaceutical plant.	ent control (7.5)
5.	a) Discuss the need and methods used for effluent treatment in a pharmaceutical p	lant. (7.5)
	b) Give an account of the chemical hazard monitoring and prevention systems.	(7.5)
6.	Write short notes on the following :	
	a) Validation of liquid filling machine.	(5)
	b) Requirements for a semi-solid formulation unit.	(5)
	c) OQ for double cone blender.	(5)
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