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GUJARAT TECHNOLOGICAL UNIVERSITY B.PHARM – SEMESTER – 8- EXAMINATION –WINTER - 2018

Subject Code: 2280011 Subject Name: Drug Approval Process		Date: 28/11/2018		
Tim	e: 02 ruction 1. 2.	:30 PM TO 05:30 PM	Total Marks: 80	
Q.1	(a) (b) (c)	What is SUPAC? Explain the level of changes in SUPAC-No Discuss guideline for the post approval changes in SUPAC Explain in brief SUPAC – SS.		06 05 05
Q.2	(a) (b) (c)	Explain the concept of para I to IV and generic exclusivity. Explain in brief regulatory agency ICH. Write a note on CTD.		06 05 05
Q.3	(a) (b) (c)	Define new drug according to FDA. Explain in detail the ned development process with the time course for each phase. What are Bio – similar? How approval of bio similar differs Prepare a NDA chart showing NDA review process.	-	06 05 05
Q.4	(a) (b) (c)	Define DMF. Explain it briefly. Describe the activity regulated by TGA. Write note on Purple book.		06 05 05
Q.5	(a) (b) (c)	Discuss special emphasis on approval under 505 (b) (2). What is INDA? Give the contents of investigation broucher Explain registration process of new drug under ANVISA.	of INDA.	06 05 05
Q. 6	(a) (b) (c)	What is CDSCO? Outline steps taken by CDSCO in 2015 in services responsive, effective and transparent. Explain in detail the sources of new drug. What is bioequivalence? State statistical criteria of Bioequiv	-	06 05 05
Q.7	(a) (b) (c)	Write note on freedom of Information. Discuss the WHO certification scheme for pharmaceutical properties content and steps of ANDA	products.	06 05
