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	_	iber of Pages:	on bput question papers visit http://www.bputonline.comester Regular/Back Examination 2016-17									om MPHARM M.PH2A.					
		BI	OPHA	RM/ B	ACI ran	EUTI ch: Ti Ma Q.0	CS a PHA me: ax N COE	and I ARM 3 He Iarks DE: 2	PHA ACE ours s: 70 //104	RMA EUTI 6) 6	CS	KINE	TICS	5	Al no 1	uant.	
	An	swer Quest	ion N	o.1 v s in	whi the	ch i ria	s cc ht h	mpı and	ulso mai	ry a gin	nd a indi	ny fi cate	rve i ma	rom rks.	tne i	rest.	1
Q1	The figures in the right hand margin indicate marks. Answer the following questions: a) Describe the relationship between dose and AUC.														(2x10)		
	b) (c) (d)	Explain the term What do you und Seven eliminatio	extract derstand on half li	ion ra d by t ives a	atio (the to are re	ER). erm E equire	Desc Biowa ed for	ribe tl iver? comp	ne me Expla olete e	ın it w Əlimin	ation o	itable of any	exar drug	j. Expi	alli uie		
	e) f) g)	An increase in ir False, Justify. What is Level A Write short note	/VIVC.	Expla AT an	ain it nd M arv a	DT. nd ma	ammi	lary m	nodel.								
	i) j)	Hydrophilic drug What is the sign	is can e	easily e of T	perr _{max} a	neate	e thro								.bputo		com
Q2	a) b)	Describe in deta Write about sur	ail abou face rer	t pas: newal	sive I the	diffus ory of	ion. disso	•	•	1	1		1		1		(6) (4)
Q3		Write in detail a Wagner nelson	method	d.													(10)
Q4		What is Circadidrugs? Discuss	an rhyth in deta	nm? V iil abc	What out a	is the	e imp Iches	ortand used	ce of c chror	chron- nothei	okinet apeut	ics in ic dru	the a g del	dminis ivery s	stration system	of S.	(10)
Q5	a) b)	Define bioequiv Describe briefly	alence. on dru	Deso	cribe ding	in de to hu	etail a man	bout o	cross n albu	over : min (l	study HAS).	desig	n.				(5) (5)
Q6	a) b)	Discuss about p	ohysiolo erminal	ogic p tion o	ham f elin	nacol ninati	dinetic on ra	c mod te cor	el. Istant	by ra	te of e	excret	ion m	ethod	ı		(5) (5)
Q7		What is saturat kinetics. Descr	ole enzy ibe abo	/matio	elin rious	ninati s met	on pr hods	ocess for de	? Dis termi	cuss i natior	n deta of V _n	ail abo _{nax} an	out M d K _{m.}	ichael-	-Mente	in	(10)
Q8	a) b)	Write Short no Instantaneous Apparent volum	distribut	tion c	omp		ent m	odel									(2.5x4
	c)	BCS of drugs Gastric emptying	ng						•								, des