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Roll No. Total No. of Pages : 01																							
Total No. of Questions: 06  M.Pharmacy(Pharmacology) (2017 Batch) (Sem2)																							
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<b>-</b> .									Pa	ape	r I	D:	[7	494	<b>[5</b> ]								_
Tim	e:	3 H	rs.																wax	. IVI	arks	s: <i>1</i>	5
INSTRUCTIONS TO CANDIDATES:  1. Attempt any FIVE questions out of SIX questions.  2. Each question carries FIFTEEN marks.																							
Q1	a.	Wha	t is	prot	teon	nics	?]	Desci	ribe	its 1	ole	in c	drug	g dis	cove	ery.							(7.5)
	b.	b. Discuss the role of protein microarrays in target identification and validation. (											(7.5)										
Q2	a.	a. What criteria should be satisfied by the reactions when used in design combinatorial sequence?										gniı	ng a (5)										
	b.	Com	pare	e sir	ngle	and	d n	nultip	ole s	equ	enc	e al	ignı	nen	t pro	otoc	ol in	hom	olog	y m	odelir	ıg.	(5)
	c.	Give	out	tline	es fo	r <i>in</i>	si	ilico l	lead	ide	ntif	icat	ion	tech	niqu	ies.							(5)
Q3	a.	Com	pare	e mo	odei	rn ra	atio	onal	drug	g de	sign	ing	to t	radi	ition	al a	ppro	ache	S.				(5)
	b.	b. How to determine bioactive conformations of ligand molecules preparation pharmacophore mapping?											ared	for (5)									
	c.	c. What is a traditional method to evaluate drug likeness of newly s compounds?											y syr	nthe	sized (5)								
Q4	a.	Wha	t is	indı	icec	l fit	do	ockin	g ar	aly	sis?												(5)
	b.	Desc	cribe	e mi	xed	mo	de	eloft	radi	tion	al (	QSA	R.										(5)
	c.	How	to o	qua	ntify	y ele	ect	rosta	tic i	nter	acti	ons	to	deri	ve tra	adit	iona	l QS	AR n	node	els.		(5)
Q5	a.							ltiple lect t			_						-			var	ious s	statis	stical (5)
	b.	Give	out	tline	of	Col	Μŀ	FA m	etho	odol	ogy	. Di	iscu	ss c	onto	ur a	ınaly	sis o	f Col	MFA	A mod	del.	(10)
Q6	a.	Desc	cribe	e the	e ide	eal p	oro	perti	es o	f pr	odr	ugs.											(5)
	b.	By c		_				-	es, o	desc	ribe	the	e ap	plic	atio	ns c	of pr	odru	gs in	red	ucing	tox	cicity (10)
<b>1</b>   N	1-74	945																			(5	531)-	-1558