राई - 021

Seat Number



W-19

## BP 502 T Industrial Pharmacy-I (735502)

P. Pages: 2

Time: Three Hours

Instructions to Candidates:

Max. Marks: 75

		1.	Do	not write anything	on question	paper ex	cept Seat No.				
							e black ink pen being u	used for writing			
			par		3						
		3.	paper or black HB pencil.  3. Students should note, no supplement will be provided.								
			o provided.								
	<ul><li>4. All questions are compulsory.</li><li>5. Draw well labelled diagram whenever necessary.</li></ul>										
4		7			agram whome	7701 11000	socary.	10			
4	2)	Multiple choice questions									
1.	a)	Multiple choice questions.									
		i)	Eiv	a ayah aalida ara							
		1)	Fix molecular arrangement occurs in solids such solids are								
			a)	Amorphous		b)	Crystalline				
			c)	Semisolid		d)	Both a & b				
		::\	Da								
		<ul> <li>Reversible change of one crystalline form in other at transition temp called as.</li> </ul>									
			a)	Dynamic allotrop	у	b)	Enantiotropy				
			c)	Monotropy		d)	None of above				
		iii)	n are called.								
			a)	Glidants		b)	Diluents				
			c)	Lubricants		d)	None of above				
		an 1 49									
	iv) Tablet which place between gum and lips OR check										
			a)	Sublingual tablet	I.	b)	Buccal tablet				
			c)	Inlay tablet		d)	Inplant tablet				
			according to B.P is								
		V)									
			a)	66.7%		b)	75%				
			c)	65.8%		d)	80%				
		vi) % w/v concentration of sodium chloride to make solution isotonic.									
		vi)	D								
			a)	0.8%		b)	0.7%				
			c)	0.9%		d)	5%				
		vii) Agent which reduces the interfacial tension between two immissible ab									
		VIII	ACI	ant which reduces	the intertaci	al tancial	a hotwoon two immico	ible phococ.			

Buffering agent

Emulsifying agent

b)

d)

Bulking agent

Chelating agent

	viii)	a) M	bent used in o lagnesium oxi thyl cellulose			Kaoline Both a and b					
	ix)	a) T	ole class of pla hermoplastic oly plastic	astic for pare	nteral pack b) d)	raging material Thermosetting Non of above					
	x)	a) O	r area for plac n eyelids eft corner of e		b) d)	Right corner of eye Cul-de-sac					
b)	Ans	Answer following questions.									
	i)	Give o									
	ii)	Give reasons behind film coating.									
	iii)	Classify tablets.									
	iv)			m called as y	vanishina (	rream					
	V)	Give role of propellant in aerosol with examples.									
	Solv	Solve any two.									
	i)	Define tablet. Discuss Q.C. test for tablet and Add note on tablet defects.									
	ii)	Describe Quality control tests for parenteral preparation.									
	iii)	Define Aerosol, Explain its components and discuss filling methods of aerosol.									
	Solv	Solve any seven.									
	i)		n BCS with ex	camples.							
	ii)	Discuss variables to be controlled in film coating.									
	iii)	Descri	be differents	excipients of	tablets.						
	iv)	Discus	ss formulation	of suspension	on.						
	V)	Explai	n filling of har	d gelatin cap	sule.						
	vi)	Describe extrusion – spheronization for manufacturing of pellets.									
	vii)	Write	note on sterile	powder.							
	viii)	Give for	ormulation of	eye drops.							
	ix)	Discus	ss formulation	excipients o	f lipstics.						
					******						

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