						121	03125		sem-	
									Semester	r Exam
(3 hours)					(Total Marks:75)					
*	N.B.:	1. All que 2. Draw 1 3. Figure	neat and	well lab	eled diag		herever n	ecessary.		ATKT
Q.1.		e Choice Q estions ar							(20)	
1.	a) Pai b) pK	lymorphisr	fficient	nate of d	rug's					
2.	a) The b) The c) The	e lowest do e highest d	ose is com ose is com ose is com	npletely pletely s npletely	soluble i oluble ir soluble i	n 500 ml n 250 mL n 250 mI	or less of or less of L or less o	f aqueous f aqueous r f aqueous f aqueous r	nedia media	
3.	energy a) Pol b) An c) Cry	of the following of the following ymorphous vistalline lusion com		ms is ass	ociated	with high	thermody	ynamic		
4.	contair a) Cu b) Nit	llet rous oxide / Ice		lling pro	pellant e	employs t	the use of	in ar	insulated	
5.	<ul><li>a) Reg</li><li>b) Typ</li><li>c) Tre</li></ul>	Soda Lim gular Soda pe NP ated Soda neral purpo	Lime Lime	Lime					e.	
6.	<ul><li>a) Sha</li><li>b) Lip</li><li>c) Nai</li></ul>	ng and flan impoo stick l polish othpaste	ning are t	he steps	involved	l in the n	nanufactur	ring of	<b>-</b>	320
7.	<ul><li>a) Hai</li><li>b) Too</li><li>c) Lip</li></ul>	ax is the m r dye othpaste stick d cream	ajor ingre	dient in.		w		٠		

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1. 7. B. Pharm

8.	pН	of tears is
	a)	7.4
	b)	8.4
	c)	
	d)	
	-)	
9.		is commonly used as a sterilization method for aqueous parenteral
	for	nulations
	a)	Moist heat sterilization
	b)	Chemical sterilization
	c)	Dry heat sterilization
	-	Radiation sterilization
	u)	
10	Ste	ility test for parenterals is carried out under
10.		ditions
	a)	Clean
		Ambient
	c)	Aseptic
	a)	Cold
11	In	AL test, react with LAL reagent to produce a firm gel within the
1.1.		ibation period.
		Endotoxins
	-	Radionuclides
		Xenobiotics
1	d)	Chemicals
N 20 - 20		. I c
12		usual volume for an intramuscular route of administration is
	a)	0.5-3 mL
	b)	20 mL
	c)	15 mL
	d)	5-10 mL
12	T.	redient used post granulation only in the manufacturing of
13		
		lets Transparent
		Lubricant
	b)	Binder
	c)	Diluent
8 1	d)	Disintegrant
14	Di	osna mixer granulator is used in process
17	a)	Dry granulation
		Wet granulation
4	c)	Direct compression
	d)	Slugging
15		test is not done for coated tablets
	a)	Disintegration
	b)	Dissolution
	c)	Friability
	d)	Weight Variation

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16	. На	ard Gelatin capsule should	not contain	more than	ppm of iron as	
	im	purity			A	
	a)	15		e de la companya della companya della companya de la companya della companya dell		
	b)	20				
	c)	10		- 19/8		
	d)	30	ed-			
	200					
17		se adsorption parameter is	important	for		
		Hard gelatin capsule				
	b)	Chewable tablets				
	c)	Soft gelatin capsule				
	d)	Sugar coated tablet		ă.		
18		is not a step in suga	r coating n	ncess		N J
10	2/	Seal coating	r coating pr	occas		
	a) b)	Sub coating			.4	
	c)	Polishing				
	d)	Marbling				
19.	. Ex	trusion spheronization is a	method to	manufactur	e	
	a)	Injectable				
	b)	Eye ointment	a face			
	c)	Pellets				. 5
	d)	Soft gelatin capsule				
20	CI	d i 1.11ia- i	, j	ш.		
20.		oose the major instability i	in emuision	S.		
		Creaming	4 352	- A.		
		Phase separation		100		al
	c)	Flocculation				
	d)	Caking				
Q.2.	An	iswer any 2 questions.	i jiri			(20)
Q.2.		Define preformulation and	d classify th	ne various t	ests involved in pref	
	040	studies. Elaborate on any				
	2	Draw the flowchart for we				
	۷.	step and elaborate on the				
	3.					
	٥.	Explain in detail about pro	oduction la	cinties for p	baremerals along wit	n piant
		layout.		-3.7		
0.3						(A.E.)
Q.3. A		wer <u>any 7</u> questions.	- 1			(35)
		Explain the goals and obje				
		Write a short note on the				
		Elaborate on plastic as a p				interactions.
		Elaborate on Rotary die p				
	5.	Enlist the QC tests done of	n tablets ar	id elaborate	on Disintegration to	est for enteric
		coated tablets.				
	6.	Write a note on any one n	nanufacturii	ng techniqu	e of pellets.	
	7.	Explain preparation of eye	e drops in d	etail.		
		Write a note on formulation			npoos.	
		Explain in vivo pyrogen to			*	
	8 5	,	r		···	
			*****	*****		