Seat Number						



BP 404 T Pharmacology-I (724404)

W-19

P. Pages: 3

Time: Three Hours

Max. Marks: 75

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Instructions to Candidates:

1. Do not write anything on question paper except Seat No.

- 2. Graph or diagram should be drawn with the black ink pen being used for writing paper or black HB pencil.
- 3. Students should note, no supplement will be provided.

	4.	All questions are compulsory.					
1.	Multiple choice question.						
	i)	Il these drug except one cross BBB.					
		a) Morphine	b)	Dopamine			
		c) Propranolol	d)	Ether			
	ii)	High plasma protein Binding.					
		a) Increase volume of distribution	b)	Facilate GFR			
		c) Minimise drug interaction	d)	Prolong drug action			
	iii)	The causes of reduced bioavailabilit	y.				
		a) High first pass metabolism	b)	Increased absorption			
		c) Iv drug administration	d)	High lipid solubility			
	iv)	Which of the following is a phase-II	meta	bolism reaction.			
		a) Oxidation	b)	Reduction			
pit.		c) Conjugation	d)	Hydrolysis			
	v) How many drug is eliminated after 4 half lives in first order kin						
	,	a) 84%	b)	93%			
		c) 80.5%	d)	75%			
	vi) All of the following secondary messenger except.						
	,	a) Cyclic Amp	b)	Inositol triphosphate			
		c) Diacylglycerol	ď)	G Proteins			

Post marketing surveillance is also called as-

a) Phase - II
c) Phase - III

d)

Phase - II

Phase - IV

viiiv	Which of the following is a type B AF)DO					
viii)	Which of the following is a type B AD a) Side effect	b)	Toxic effect				
	c) Idiosyncrasy	d)	Physical dependence				
	c) Idiosyliciasy	u)	Fifysical dependence				
ix)	Pilocarpine used for-						
	a) Glaucoma	b)	Paralytic Ileus				
	c) Urinary retention	d)	All of the above				
x)	The drug which increase GI motility i	S-					
^/	a) Glycopyrrolate	b)	Atropine				
	c) Neostigmine	d)	Fentanyl				
	o, recongrime	u,	Citally				
xi)	Vasomotor reversal of Dale is demonstrated because of-						
	a) Alpha blocker	b)	Beta blocker				
	c) Both Alpha and Beta	d)	None of the above				
xii)	Which of the drug not parasympatho	lytic	agent				
,,,,	a) Ipratropium bromide	b)	Dicyclomine				
	c) Atropine	d)	Amphetamine				
	o) / mopine	۵)	7 unpriolariumo				
xiii)	Propranolol is useful for except.		A Market and the second				
	a) Hypertension	b)	Partial heart block				
	c) Cardiomyopathy	d)	Classical angina				
xiv)	Which of the following general anest	hetic	agent is poor muscle relaxant?				
,	a) Ether	b)	Nitrous oxide				
	c) Halothane	d)	isoflurane				
var)	The following drug routinely used as	proo	unaethatia agant				
xv)	The following drug routinely used as	b)	Promethazine				
	a) Morphinec) Ranitidine	d)	All of the above				
	c) Ranitidine	u)	All of the above				
xvi)	Barbiturate exert following action except.						
	a) Anticonvulsant	b)	Analgesic				
	c) Antianxiety	d)	Respiratory depressant				
xvii)	Which sensation blocked first by Local anesthetic?						
,	a) Pain	b)	Temperature				
	c) Touch	d)	Deep Pressure				
xviii)	The most effective drug in Parkinson						
	a) Bromocriptine	b)	Selegiline				
	c) Levodopa + Carbidopa	d)	Biperiden				
xix)	Carbamazepine does not interact wi	th-					
,	a) Erythromycin	b)	Phenytoin				
	c) Doxycycline	d)	Barbiturate				
		wile	And the second of the second o				
	Toxicity of Local anesthetic involve th						
	a) Heart	b)	Brain				
	c) Kidney	d)	Skin				

2.	Solve any	two.
	Contro unity	LANO.

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- Write in detail about new drug discovery process.
- ii) What are parasympatholytic agent. Classify with examples write in detail pharmacology of Atropine.
- iii) Enlist different types or receptor, Explain in detail signal transduction mechanism of GPCR.

Solve any seven.

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- Define absorption. Discuss the various factor's which affect on the rate or absorption.
- ii) Write a note on various route or drug administration.
- iii) Define and classify sedative and hypnotic drug.
- iv) Discuss in detail phases of Biotransformation.
- v) Define and classify parasympathomimetic drugs write about the therapeutic uses of Acetylcholine.
- vi) Define Antagonism. Give in detail it's types.
- vii) Classify Antiepileptic drugs add a note on pharmacology of phenytoin.
- viii) Explain stages or Anesthesia.
- xi) Classify centrally muscle relaxant drug and add a note on Diazepam.
