## B.V.Sc. & A.H. (Part – III) Examination – 2015 of the Five-Year Degree Course VETERINARY PHARMACOLOGY PAPER-I

	Allinon	Marks: 60
A: General and Systyemic Veterinary Pharmacology: VPT B: Veterinary Neuropharmacology: VPT-321	-311	Marks 30 Marks 30
ions:		
Attempt all questions Answer of all questions is to be written in the space of the question in question-booklet.		d along with
and Systyemic Veterinary Pharmacology: VPT-311	laximu	m Marks 30
in the blanks.		(9x0.5 = 4.5)
medicine.	in to (I)	system
ugs not included in pharmacopoeia are termed as	THE 600	Company of the last
	ide of p	lant origin.
	10	3.00
	_ bron	chodilators.
id preparation of drug containing sugar and gum having	soothir	ıg,
H haseffects	on urin	ary system.
2 or 3 or 4 in the space given against each sub questi	on:	(9x0.5 = 4.
	ions:  Attempt all questions Answer of all questions is to be written in the space of the question in question-booklet.  Overwriting is not allowed in the objective type question in SECTION – A and Systyemic Veterinary Pharmacology: VPT-311 in the blanks.  ke cures like' theory is associated with	ions:  Attempt all questions Answer of all questions is to be written in the space provide the question in question-booklet.  Overwriting is not allowed in the objective type question.  SECTION – A  and Systyemic Veterinary Pharmacology: VPT-311  Maximum in the blanks.  ke cures like' theory is associated with

Paracetamol
 Meloxicam

e material	(	)
ii. Antihistamines act through which types of receptors?		
1. H <sub>1</sub>		
2.H <sub>2</sub>		
3.H <sub>3</sub>		1,0
4.All of above	(	)
iii. Which of following one is an in vivo anti-coagulant?		
1. Sodium citrate		
2. Heparine		
3. Sodium chloride 4. EDTA		
iv. Which of following is an action of drug on body?	(	)
Binding with receptors     Distribution		
2. Distribution 3. Metabolism		
4. None of above		
v. Which is a gastric prokinetics?	(	)
	,	,
1.Cisapride 2. Mosapride		
3. Metaclopromide		
4. All of above		
vi. Thiazide diuretics act on:	,	
1. Loop of Henle	(	)
2. Glomerulus		
3. PCT		
4. DCT		
rii. The LD <sub>50</sub> means	(	)
1.Lethal dose		
2. Toxic dose		
3. Median Lethal dose		
4. Mean Lethal Dose		
iii. Which one of following is an osmotic diuretic?	,	
1.Frusamide	(	)
2. Mannitol		
3. Losartan		
4. Acetazolamide		
Pharmacologically inert substance which		
Pharmacologically inert substance which reduces absorption of toxic substances is:		
1.Activated charcoal	,	2
2. Zinc oxide	(	)
3 Manual		
3. Magnesium sulphate		
4. None of above		

VI

ix.

i)	Possing Possin
*/	Define Posology:
ii)	Differentiate between dose and dosages:
12000	
iii)	Enlist different types of processes of drug transport with examples:
:>	Define antagonism and enlist types of different antagonism:
1V)	
	Define dose response curve:
V)	

vi) What is bio equivalence?
vii) Define lethal synthesis.
viii) Give any two disadvantages of intravenous route of drug administration:
ix) Explain Dale's reversal phenomenon.
s) Define conjugation of drug in drug metabolism.
Define cardiac tonics and cardiac stimulants.
I/16/S1/3 <sup>rd</sup> yr./2015/M Y

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	xii) What is orphan drug?
	***************************************
Q.	4 Attempt any three out of the following four questions. Answer of each
	question should be in 5 to 8 lines. ( $3x2 = 6$
i)	Explain mechanism of action of loop diuretics.
	Discuss mechanism of action of magnesium sulphates.
ii)	Discuss mechanism of action of magnesium sulphates.
ii)	Discuss mechanism of action of magnesium sulphates.
ii)	Discuss mechanism of action of magnesium sulphates.
ii)	Discuss mechanism of action of magnesium sulphates.
ii)	Discuss mechanism of action of magnesium sulphates.
ii)	Discuss mechanism of action of magnesium sulphates.
ii)	Discuss mechanism of action of magnesium sulphates.
ii)	Discuss mechanism of action of magnesium sulphates.

_	Please write your Roll No. above this mic	
iii	Explain different receptors involved in process of vomition.	
v)(	Give therapeutic indications of urinary alkalizers and acidifiers.	
-		
-		
-		
-		
5 A	nswer the following question to 1.2	
**	nswer the following question in 1-2 pages (attempt any one).	(1x6 = 6)
1)	Classify diuretics with examples.	(440 = 0
ii)	Discuss drug acting on uterus.	
	o mg on utcrus.	

	SECTION -	B 2013	
Veter	erinary Neuropharmacology: VPT-321	Maximum Marks	30
Q.6 F	Fill in the blanks.	(9x0.5 = 4.	.5)
i)	Triflupromazine is an example of		-
(ii)	ANS controls	function of body.	
	Stage -II of general anaesthesia is known as	PRODUCTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO	
iv)	- minono upua		
V)	Nicotinic receptors are	type of receptor	ors.
vi)	is an example	of G protein coupled receptor.	
vii)	) MAO stands for	3. Zilhinotesiae	
viii)	i) Carbachol gastric motil	lity.	
ix)	Pilocarpine is indicated in	thingshill .	
	shrub Ephedra vulgaris?  1. Atropine  2.Ephedrine	Special respect to	)
	3.Digitalis		
	4.Digitoxin	(	)
i.	Amphetamine acts by: 1. Releasing noradrenaline 2.Releasing dopamine 3.1 & 2	Me agus lo solta lo lusa disco	
	4 None of above		
ii.	Caffeine acts on which part of CNS?  1. Medulla		
	2.Cortex		
	3.Spinal cord		
v.	4.All of above Picrotoxin causes inhibition of which of	f following neurotransmitters?	
	1. Adrenaline		

2.Acetycholine 3.Nitrous oxide 4.GABA

150	Which of following synthetic opioid has anti-diarrhoea	l activities? (	,
v.	1. Diclomine		
	2. Loperaminde		
	3. Domperidole		
	4. Hydroxy codeine.	(	)
vi.	Which is the competitive neuromuscular blocker?		
	1.d-tubocurarine		
	2. Gallamine		
	3. Pancuronium		
	4. All of above	. ,	
vii.	Following is phenothiazine tranquilizer.	(	)
	1. Promethazine		
	2. Chlorpromazine		
	3. Triflupromezine		
	4. All of above		
viii.	Which is an example of endogenous opioids?	(	1
	1.Endorphins	,	-
	2. Epinephrine		
	3. Ephedrine		
	4. All of above		
ix.	All opioid recent of the		
***	All opioid receptors are following type of receptors?	(	)
	1.G protein coupled		
	2. Ligand gated ion channels		
	3. Enzymes linked		
004	4. None of above:		
Q.0 A	ttempt any <u>nine</u> out of the following twelve questions. A	newer of onel	
qı	sestion should be in 2 to 3 lines.		
		(9x	(1=9)
i)	Give mechanism of action of morphine:		
		***************************************	
ii) I	Oofine discount of	my last of a	
11) 1	Define dissociative anaesthesia with one example?		
		***************************************	
			-
			-

Please write your Roll No. above this line	153
viii) How NSAIDs decreases the fever ?	
What is chlormaganaesthesia ?	
Give physiological functions of COX I and COX II enzymes:	
Give any one effect of cholinergic stimulant on GIT and urinary system.	
Discuss mechanism of action of pentazocine:	
or action of pentazocine:	

de

-- Donot write across this line --

question should be in 5 to 8 lines.	(3x2=6)
Enlist ideal characteristics of local anaesthesia.	
***************************************	
i) Differentiate between competitive and non-com	petitive neuromuscular
blocker.	
Theoline solling	
	allo se nutire eve
-	
iii)Enlist five pre-anaesthetics with their uses.	

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r) Give mode of action of cetrizine.	
nswer the following question in 1-2 pages (attempt any one).	(1x6 = 6)
Discuss therapeutic uses of adrenaline in detail.	
Discuss mechanism of action and clinical applications of barbiturate	es.