## M.Sc.(Zoology) (C.B.C.S. Pattern) Sem-III

## ZOO-X / PSCZOOT10-4-Paper-X-Special Group - Animal Physiology-I (Paper - I) Physiology of Digestion and Excretion

GUG/S/19/11310

	ages: 1 le:Three I	Hours	GUG/S/19/1  * 3 2 3 8 *  Max. Mar	
	Notes:	1. 2. 3.	All questions are compulsory. All questions carry equal marks. Illustrate your answer with suitable diagrams.	
1.	Give detail account on histology of stomach and add a note on composition and functions of gastric juice.			
	***		OR	0
	w a)		ote on echanism of panarctic secretion.	8
	b)		stology of liver and bile secretion.	8
2.	Gi	Give detail account on synthesis, chemical and functions of gastrointestinal hormones.  OR		
			otes on:	8
	a)		gestion and absorption of fats. stology of small and large intestine.	8
	b)	П	stology of small and large intestine.	o
3.	Give detail account on functional anatomy of kidney.  OR			16
			otes on	8
	a)		ounter current system	o
	b)	INE	ephron	8
4.	Gi	ve de	etailed account on renin angiotensin system in renal physiology.  OR	16
	W		otes on	
	a)		enal clearance	
	b)	Re	enal Failure	
5.	At	Attempt the following.		
	a)	Fu	nctions of saliva.	
	b)	Co	ontrol of intestinal bacteria	
	c)	Ał	onormal & normal constituents of urine	
	d)	Но	ormonal mechanism of antidiuretic hormone.	
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