This ques	stion paper contains 3 pri	nted pages.]
	Your Roll N	o
13	37	
В	B.Sc. (Hons.) ZOOLO	OGY / II Sem. A
•	Paper II – ZOHT	
	Biodiversity II (Chor	data – I)
Time: 3	Hours	Maximum Marks : 75
(Write yo	our Roll No. on the top imm question pape	
An	nswer five questions in all compu	
1. (a)	Define (i) Antlers (ii) Diastema (iii) Claspev (iv) Pterylac	
(b)	Differentiate between	-

		(i)	Eudostyle			
		(ii)	Wheel organ			
		(iii)	Bursa fabricii			
		(iv)	Vallate papillae			
(d	(d)	Matc	h the following:		-	5
	•		A		В	
		(i)	Eggs attached to legs of male	(a)	<u>Branchistoma</u>	
·	•	(ii)	Protonephridium	(b)	Chamaeleon	
		(iii)	Hermaphrodite	(c)	Pterobranchia	
		(iv)	'U' shaped alimentary canal	(d)	Allytes	
		(v)	Prehensile tail	(e)	Herdmania	
	(e)		sify the following s also.	upto	order. Write	6
		(i)	Koel		•	
		(ii)	Sea snake		fts.	
		(iii)	Mud puppy		*	
	٠	(v)	Hammer headed sl	nark		
2	(a)		ribe structure and ermal glands found			
ē	(b)	Disc	uss affinities of Sph	eno d	on. 8 -	+ 4
3.	(a)	Defi:	ne and expla morphic with suitab		Retrogressive ample.	
	(b)	Defi migr	ne migration. Exation with suitable of			+ 6
1337	-		2			

(c) Give location of the following:

4.	Write an essay on origin and evolution of terrestrial ectotherms.	of 12
5.	(a) Describe Ruminant Stomach in Mammals.(b) Discuss origin and evolution of mammals.	
6.	Describe Flight adaptations in Birds.	12
7.	Write short notes on any three: (a) Parental care in Amphibia (b) Osmoregulation in fishes (c) Agnatha (d) Biting mechanism in snakes	4 × 3

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