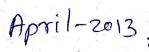
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ZOOLOGY PAPER - I (NEW) : ZOO-111 Non-chordates - I

P. Pages: 2

		"British the entire to	1090
Time: Two Hours		Max	Marks : 40
inite . IWO Hours		IVIGA.	. Itiai No . Ti

	Instructions	to Candidates:	
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- Do not write anything on question paper except Seat No.
- 2. Answersheet should be written with blue ink only. Graph or diagram should be drawn with the same pen being used for writing paper or black HB pencil.

	3.	Students should no	te, no suppleme	nt will be provided.				
	4.	All question are compulsory.						
	5.	Figures to the right	indicate full mai	ks.				
1.	Mul	tiple choice Attempt	any eight.					
	- i)	Pila is popularly called as						
	7	a) Apple snail	b)	Pearl oyster				
		c) Sea Horse	d)	Sea Leman.				
	ii)	In Pila the odontopl	nore is associate	d with				
		a) Olfaction	b)	Visian	•			
		c) Hearing	d)	Gustation.				
	iii)	The function of cter						
		a) Digestion	b)	Respiration				
		c) Reproduction	d)	Nervous.				
	iv)	In pila circulatory system is type.						
		a) Open	b)	Closed				
		c) Mixed	d)	None.				
	* v)	The heart of pila co						
		a) One	b)	Two				
		c) Three	d)	Four.				
	vi)	In Pila osphradium is						
		a) Tangorecepto		Chemoreceptor				
		c) Photorecepto	r d)	Rheoreceptor.				
	vii)	ii) The skeleton of sponges are						
		a) Spicules	b)	Collagen fibres				
		c) Choanocytes	(b	All of them.				

		VIII)	Gen	illilules are					
			a)	Respiratory organs	b)	Photoreceptors			
			c).	Auditory organs	d)	Reproductive bodies.			
		ix)	Pea	rls are produced by					
			a)	Annelids	b)	Arthropods			
			c)	Molluscs	d)	Echinoderms.			
			x						
		x)	Ped	icellariae are characteris	stics of.				
			a)	Platyhelminthes	b)	Arthropoda			
			c)	Mollusca	d)	Echinodermata.			
2.		Def	ine/	Explain / Comment on au	ny four		8		
		a)	Mar	ntle cavity of pila	b)	Blood of pila			
		c)		hradium	d)	Testis of pila			
		e)		cules	f)	Metamerism.			
		٥,	Opio	, alou		Wetamenom.			
3.		Atte	mpt	any two of the following.			8		
7-									
		a)	Cle	nidium of pila.					
		b)	Stat	ocyst of pila.					
		D)	Stat	ocyst of plia.					
		c)	Sko	tch and label pedicellaria	26				
		()	ONG	ton and label pedicelland	ac.				
4. A)		Attempt the following any two.							
т.	, ,								
		i)	F00	t of pila.					
		ii)	Ger	nmule in sponges.					
		::::\	O						
		iii)	Spo	nging type of mouth part	S.				
	D)	E	laia a						
	B)	⊏xp	iain c	columella of pila.	1		2		
5.		Attempt any one of the following.							
5 .		Alle	mpt	any one of the following.			8		
		a)	\ \/i +I	n the help of labeled diag	rom				
		a)	VVILI	Title fielp of labeled diag					
					OR				
		Explain the alimentary canal of pila.							
	a a fi		•		20 2 20 20 20 20 20 20 20 20 20 20 20 20				
		B)	Wha	at is pearl? With neat lab	beled d	iagram describe pearl			
		**		nation in molluscs.					
	*	200							