ZOOLOGY PAPER - I: ZOO - 241 Chordates - II

(24155)

P. Pages: 2

ks: 40

8

Tim	ne : Two	Но	urs			Max	x. Marks			
	Instruc									
	1.	Do not write anything on question paper except Seat No.								
	2.	with the black ink pen being	used for							
	3.	writing paper or black HB pencil. Students should note, no supplement will be provided.								
	4.	All questions are compulsory.								
	5.	Figure to the right indicate full marks.								
	6.	Draw neat labelled diagram wherever necessary.								
1.	Mu	ltiple	e choice any ei ç	ght.						
	a)	a) Serves as an organ of sound production.								
		i)	Trachea			Bronchus				
		iii)	Larynx	iv)	Pharynx				
	b) Rat belongs to highest group of vertebrates									
		i)	Aves	ii)		Amphibia	4			
		iii)	Mammals	iv)		Reptilia				
	c)	Concentric lines on scales useful for determination of fish.								
		1)	line	ii)		age				
		111)	food	iv)		type				
	d) The act of sexual union is known as									
		i)	ovulation	ii)		circulation				
		111)	copulation	iv)		all				
	e) The right lung of rat is divided in to lobes.									
		i)	two	ii)		three				
		iii)	four	iv)		six				
	f)									
		i)	Fallopian tube	3.00		Funnel				
		iii)	Uterus	iv)		None of these				

		g)	The heart of Rat is consist of							
			i) two iii) four	ii)	three					
			iii) loui	iv)	five					
		h)	Homocercal tail is externally	symme	trical consist of equal lobes.					
			i) epi & hyper	ii)	epi and hyperchordal					
			iii) hypo & hyper	iv)	epi & hypochordal					
		i)	There are pairs of sa	livary g	land in Rat.					
			i) one	ii)	two					
			iii) three	iv)	four					
		j)	In female rat the ventral surfa	ice bea	rs nipples or teats.					
			i) 2-4	ii)	4-6					
			iii) 6-8	iv)	10-12					
2.		De	fine / Explain / Comments any	four.		8				
		a)	Digestion							
		b)	Sexual dimorphism							
		c)	Systole							
		d)	Poisonous snake							
		e)	Gular pouch							
		f)	Bronchi							
		Attempt any two.								
		i)	Sketch & label male reproduc	tive sys	stem of Rat.					
		ii)	Dental formula of Rat.							
		iii)	Echidna							
	a)	Atte	empt any two.		6					
		i)	Functions of liver.							
		ii)	Double circulation.							
		iii)	Sketch & label - Placoid scale).						
	b)	Def	fine - Parental care.			2				
. 3					* *					
•			empt any one of the following.			8				
		a)	Describe in detail the structur		in of Rat.					
		b)	Explain the excretory system	of Rat.						
			**	*****	***					