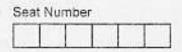
April-2016

किनार - 008





ZOOLOGY PAPER - I : ZOO-121 Chordates - I (115201)

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P. I	Page	s:3					2			
Tin	ne : T	Γwο	Hou	Max. Marks :	60					
	Ins	truct	ions	to Candidates ;						
		1.	Do	not write anything on q	uestion pa	per except Seat No.				
		2.		iph or diagram should t ing paper or black HB		ith the black ink pen being used for				
		t will be provided.								
Figure to right indicate full marks.										
		5.	Dra	w neat labelled diagrar	ns wherev	er necessary.				
1.	a) Multiple choice questions attempt any six.						6			
	i) The brain is a hollow organ with Internal cavities.									
			a)		b)	Two				
			c)	Four	d)	Three				
		ii)	In	Calotes sexes are						
		28	a)	United	b)	Separate				
			c)	Hermaphrodite	d)	None				
		iii)	The large intestive of calotes is also called as							
			a)	Duodenum	b)	lleum				
			c)	Colon	d)	Rectum				
		iv)) The body of calotes is divided into Parts.							
	- 2		a)	2	b)	3				
			c)	4	d)	5				
		v)	In							
			a)	Epidermal	b)	Dermal				
			c)	Hypodermal	d)	None				

	vi)	The Dental formula of Dog is									
		a)	1/1, 0/0, 0/0, 3/3	b)	3/3, 1/1, 3/2, 1/1						
		c)	3/3, 1/1, 4/4, 2/3	d)	1/0, 0/0, 0/0, 3/3						
	vii)	Ca	lotes versicolor is commor	vn as lizard.							
	*11)	a)	Wall	b)	Garden						
		c)	Tree	d)	Stone						
b)	Answer in one sentence any six.										
	i)	i) What is the common name of calotes in Hindi.									
	ii)	What is hemipenes.									
	iii)	ii) Why the teeth are not used for mastication.									
	iv)) What is mean by adaptation.									
	v)	v) Enlist the function of scales in fishes.									
	vi)	i) Enlist the respiratory passage of calotes.									
	vii)	vii) State any two function of blood.									
	viii)	viii) What is fertilization.									
	Det	Define / Explain / comment any six.									
	a)	Ca	audal fin.	b)	Dentition.						
	c)	Ni	ctitating membrane.	d)	Bile duct.						
	e)	Ins	spiration.	f)	Dorsal aorta.						
	g)	O	viparous.	h)	Ventricles.						
	Att	12									
	i)	Describe the sexual diamorphism in calotes.									
	ii)	Sketch and label placoid scale.									
	iii)	i) Explain female excretory system of calotes.									
	iv)	E	xplain the retina of calotes								

2.

3.

- v) Write a note on dorsal fin.
- vi) Write significance of teeth.
- Attempt any three from the following.

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- Describe types of teeth in mammals.
- ii) Sketch and label digestive system of calotes.
- iii) What are fins write function of fins in fishes.
- Describe the male reproductive system of calotes.
- v) Describe the Internal structure of heart of calotes.
- Describe in detail any two.

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- With the help of labelled diagram describe any two types of scales in fishes.
- b) Describe arterial system of calotes.
- Describe central Nervous system of calotes.
