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BORGE DEAT TOTAL

PARTY NO. V. T.

(FYUGP)

(3rd Semester)

ZOOLOGY

3. Describe in densit the percusal care in Salus. 10

(Minor)

Paper Code: ZOO/M-3

(Diversity of Chordates)

Full Marks: 75 Pass Marks: 40%

Time: 3 hours

(PART : B—DESCRIPTIVE)

(Marks : 50)

The figures in the margin indicate full marks for the questions

1. What are Chordates? Describe the general characteristics of Chordates. 2+8=10

Or

What is Urochordate? Give a detailed account on general characteristics of urochordate.

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(Turn Over)

8-M/002/28

2. Explain the Echinoderm theory of origin of Chordates.

Or

Discuss the classification of cyclostomes up to class.

3. Describe in detail the parental care in fishes. 10

Or

Explain parental care in amphibians.

4. Describe in detail the affinities of Sphenodon.

Or

Explain the migration in birds in detail.

5. Write a detailed note on affinities of Prototheria.

Or

Elaborate the general characteristics of mammals.

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rembring 24 V 4 Stormstern eviseer	C. RECTOR
(FYUGP)	
(3rd Semester)	(12)
ZOOLOGY stabled in zoology	i (d)
(Minor)	(9)
Paper Code : ZOO/M-3	(6)
(Diversity of Chordates)	2 44 2
(PART : A—OBJECTIVE)	Tree - 1
(Marks : 25)	
The figures in the margin indicate full marks for the	questions
SECTION—I state of Section	(a)
Till Mone of the (Marks: 15) a odd to agoff	(5)
Put a Tick (/) mark against the correct answer in brackets provided :	1×15=15
1. Enterocoelous coelom is found in	(13)
(a) Hemi-chordata ()	
(b) Urochordata ()	(a)
(c) Cephalochordata (T) semmerfol.	(0)
(d) Both (a) and (c) () do sold lo smooth	(4)

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		10 10
2.	Retro	ogressive metamorphosis is found in
	(a)	Cephalochordata
	(b)	Hemi-chordata
	(c)	Urochordata ((IOII))
	(d)	None of the above ()
3.	No s	special respiratory organ is present in
	(a)	Hemi-chordata ()
orro	(b)	Cephalochordata () in)
	(c)	Urochordata (NOT) DEE
	(d)	None of the above (M)
	territ	Put a Title (v) mark against the correct answer in
4.	The	term Dipleurula was coined by
	(a)	Semon () () () () () () () () () (
	(b)	Bather () statution U ()
i.	(c)	Johannes Muller (a) bronooledge (i)
	(d)	None of the above (10) bus in ritori, (b)

5.	One pro	e of the advanced features of vertebra	tes over .9
	(a)	lacking a head ()	αA, (b)
	(b)	heart divided into chambers ()	(b). CB
	(c)	lacking a cranium ()	(e) Sa
	(d)	None of the above ()	(a) N
6.	One	e of the characters found in Agnatha is	9. Thyuga
	(a)	paired appendage ().	18 (0)
	(b)	inner ear with 3-semi circular canals	(d)
	(c)	lacking true jaws ()) anoingonny	0 6
	(d)	None of the above of the above	(d) N
7.	Am	phidromous migration is exhibited by	10. Gerko
	(a)	Chanos () () simpled	(a) (c)
	(b)	Anguilla () () () Element	is. (d)
	(c)	Salmon ((an)) (allindesoriony)	(c) R
	(d)	None of the above s (ada) and lo and	N (b)
BS/Z	00/N	1–3/460 Cap	38/2/00/31-

8. The order Apoda includeds beauty out to and
(a) Anguilla () head a gaislas! (a)
(b) Catfish ()
(c) Salmon () mumera a partial (b)
(d) None of the above ()
9. Hyla is included in the sub-class
(a) Stegocephalia ()
(b) Salientia (10) most E ritiw ran round (d)
(c) Gymnophiona () () horal strict analysis (5)
(d) None of the above
10. Gecko is included in the order and experior brights A
(a) Chelonia () (eorga (o)
(b) Squamata () () nilipynA (ii)
(c) Rhynchocephalia ()
(d) None of the above (ads) and to anow (b)
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11.	Sna	kes can swallow bigger animals as a whole due to
Witte	(a)	presence of pectoral girdle ()
	(b)	sternum ()
	(c)	loosely attacked lower jaw () miq (d)
a	(d)	None of the above () species (a)
12.	One	of the reptilian characters of Archaeopteryx is
	(a)	poorly developed sternum () strove (5)
	(b)	pneumatic bone ()
	(c)	fused carpo-metacarpus ()
		None of the above ()
		(a) oriental realm (
13.	The	animal included in the order primate is
	(a)	Armadillo (()) misos issigostosos (d)
	(b)	Lemur ()
	(c)	Manis (ant-eater) ()
	(d)	None of the above a (ad.) and to sould the
25/7	00/N	I-3/460

14.	Prot	totheria has reptilian character of a man eminus .11
	(a)	segmented sternum () Continue ()
	(b)	pinnae (v)si rawel lastanza visacol (s)
	(c)	cloaca ()
9		12. One of the reptilium characters of Archaeoptery
		(b) pretimatic bone (c)
15.	Indi	ia is included in the zoogeographical realm of
	(a)	oriental realm ()
Sil	, S. C.	13. The animal included by the order primate 45%
	(b)	neotropical realm (()) officerrate (D)
	(c)	(a) Lantur (b) (c) Lantur (c) (c) Manus (ant-cater) (c) Manus (ant-cater)
	(d)	None of the above of the (also) of the above
BS/Z	00/1	M-3/460 004\E-W\005\H

SECTION—B. Maintendanton S.

(Marks: 10)

Write short notes on any five of the following:

1. Hemichordata

2. Protochordata

Of a sweet !

Write short force on any fire of the following: 2x3-10

1. Hemichordana

(8) Indicate in included by the average products continued

(5) neotropice realis

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3. Chondrichthyes

A Repailur --

4. Reptilia

ga -Ciner Inicial orga

5. Poison apparatus

delaptive rationals. &

6. Adaptive radiation

Развод аррагацыя
