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(Pages: 2)

Name	***************************************
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Reg. No	

FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2015

(U.G.—CCSS)

Core Course-Zoology

			(200	9—2012 A	dmissions)	
Thr	ee I	Hours				Maximum: 30 Weightage
An	swe	r all twe	lve questions. Each q	uestion car	ries ¼ weightage	
A.	Ol	ojective t	ype questions :		rios /4 weightage	
	1	Which	of the following is no		مان تا المان	nya na mana mwa nya kasama O sanga Ta
			Maltose.	(b)	10.000.000.000.000.000.000.000.000.000.	
		(c)	Lactose.	(d)	Galactose.	
	2	Biuret	test is used for the de	etection of:		
		(a)	Protein.	(b)	Lipids.	23 Describe different
		(c)	Polysaccharide.	(d)	Monosaccharide.	distant subject 12.
	3	Adenos	ine is composed of A	denine and		
		(a)	Ribose.	(b)	Deoxyribose.	
		(c)	Phosphate.	(d)	Glucose.	
	4	Most al	bundant leucocytes in	human blo	ood is:	
		(a)	Monocytes.	(b)	Lymphocytes.	
		(c)	Neutrophils.	(d)	Eosinophils.	
B.	Na	me the f	following :—	el savin her		
	5	Single	contraction of a musc	le to a stim		
	6	he horn	none known as "Birtl	hormone".		and the supply of
	7	RNA m	olecule with catalytic	property.	LASTROYSE.	
	8	Structu	ral polysaccharide in	the exoske	leton of Insects.	HI.
C.	Fil	l up the		ave av und	ANGULA THE COMES NO	
	9	Convers	sion of Ammonia to U	Jrea takes r	place in the organ —	Haran San

2	
A STATE OF THE STA	
11 Inulin is the polymer of ———————————————————————————————————	$(12 \times \frac{1}{4}) = 3 \text{ weightage}$
12 Thick maniers	
II. Short answer questions (Answer all nine questions):	
II. Short answer question?	
13 What is Ninhydrin reaction?	
14 Explain Agglutination.	
15 What are Globular proteins	
and I or None law.	
with note on Brown fat.	
17 Write note of 18 What are Co-enzymes?	
agmotic hypothesis.	
19 Describe Chemi-osinose 191	
 Describe Chemi-oshiotic transmission of impulse. Write note on Synaptic transmission of impulse. 	$(9 \times 1 = 9 \text{ weight})$
21 Explain Osmoconformers.	distance (o n -
any five questions):	
III. Short answer questions (Answer any five questions):	
Descrapianums .	
1: Comont mellious of	
Transamination and Dealling	
a de-i's cycle.	
25 Describe Cori's cycle. 26 Describe Neurogenic and Myogenic heart. 27 ATP	evential (A)
26 Describe Neurogeme and ATP	
26 Describe the structure of ATP. 27 Describe the structure of ATP.	$(5 \times 2 = 10 \text{ wei})$
27 Describe the structure of 28 Explain Hypothalamus as an endocrine gland.	(a)
(mastions)	
IV. Essay questions (Answer any two questions):	Tell mark and
the the mechanism of dos	Butatoffer our anews
Describe the mechanism of action 29 Explain the ultrastructure of a Striated muscle fibre. 30 Explain the ultrastructure action and various theorem.	ories of enzyme action.
- 1 :- the mechanism of Elizymo	$(2 \times 4 = 8 \text{ W})$
31 Explain the most	
The state of the s	and the state of t
and the state of the state of the state of the anti-ballocar and all about the	
The second secon	
on the place who is the control of the place	