Total No. of Printed Pages:2

## SUBJECT CODE NO: - Y-2202 FACULTY OF SCIENCE AND TECHNOLOGY P. Sc. (PATTERN 2012) (S.Y. SEM IV)

B.Sc. (PATTERN-2013) (S.Y SEM IV) Examination April / May – 2024

			VII (144) 2024	
		Zoology Paper- XII B	Biochemistry and Endocrinology	ð.
[Time:	1:30		[Max. Mar	rks: 50
		Please check whether yo	ou have got the right question paper.	
			Common Statement of Asia	
N. B		1) Attempt all questions	HE - 1818 : 1814 - 1814 - 1815 - 1814 - 1815 - 1815 - 1814 - 1814 - 1814 - 1814 - 1814 - 1814 - 1814 - 1814 - 1	
		2) Illustrate your answer	r with suitable labelled diagrams.	
8		a State of the sta	A Desirable of the second	
Q.1 W	hat a	re enzymes? Give the mecha	nism of enzyme action.	20
			OR —	
W	rite a	nn essay on Sources and defic	eiency of Vitamins.	20
O.2 D	efine	endocrine system. Add a not	e on anterior lobe Pituitary hormones and	20
101		nctions.	3 8 A	
			OR	
W	rite	short notes on any four of t		20
		Histology of thyroid gland.	MAHAW	
		Hormones and their functions	s of Pancreas	A.
		Deamination	( LIBRARY )	
		Glucogenesis		
		co-enzyme	LAMA 1390	
1		Structure of Adrenal gland.	7	
	1)	Structure of Adrenar gland.		
Q.3 M		le choice questions.	Among	10
	1.	The word enzyme was coined		
		a) W.Kuhne	b) Emil Fisher	
		c) Lavlov	d) Chittenden	
			Amount State of the State of th	
	2.		glycogen from glucose is known as	_
		a) Glycolysis	b) Glycogenesis	
5		c) TCA cycle	d) GluconeoGenesis	
	3.	The protein present in the hai	r and feathers are	
		a) Collagens	b) Elastin	
		c) Globins	d) Albumins	

4.	Prostaglandins are the derivatives of				
	a) Oxalic acid	b) Steroids			
	c) Fatty acid	d) Nucleic acid			
	ynologies You'll have vetal	Supplied Sand main			
5.	The term 'vitamins' was coined b	oy			
	a) Sir Frederick Crowl	b) Hopkins	10 TT.		
	c) Both a & b	d) Funk			
		Manual Short			
6.	The Pineal and Pituitary glands are located in the regi				
	a) Thorax	b) Head			
	c) Abdomen	d) Both a & c	5 45.119 3		
	57		<b>Y</b>		
7.	Spermatogenesis in mammals is Controlled by				
	a) FSH	b) LH			
	c) FSH and Prolactin	d) GH and Prolactin	purs des		
			A Library		
8.	Cretinism is Caused due to low Secretion of thyroxin in				
	a) Adults	b) Infants			
	c) Childrens	d) Both a and c			
	36 Na Calibrate	ed Communication	zorya 🔇		
9.	'Cushings disease' is caused by h	nyperactivity of	tish A		
	a) GH	b) Thyroxin			
	c) Insulin	d) Glucocorticoids	With the		
	2		) E (8) (1.5°)		
10.	. The glucagon is secreted by the				
	a) Alpha cells	b) Beta cells	Cated S		
	c) Delta Cells	d) F-cells			
	Andrews State of the State of t	again,			
	S LIBRARY				