a2zpapers.com

Exam. Code : 107402 Subject Code : 2270

B.Sc. (Bio Technology) 2nd Semester ZOOLOGY-B

COOLOGI D

Paper-BT-1

Time Allowed—3 Hours]

[Maximum Marks-40

4

4

(Contd.)

Note :— All questions of Section A are compulsory. Attempt any **FIVE** questions from Section B and **TWO** questions from Section C.

SECTION-A

1. Give short answers. Each question carries 1 mark.

(a) Write the function of thyrotropin.

(b) What helps to regulate the level of blood calcium?

(c) Define osmoregulation.

(d) What is the role of corpus luteum?

(e) Draw a well labeled diagram of mammalian eye.

(f) What are proprioceptors ?

(g) Name the proteins associated with actin filaments.

(h) What is the function of cerebellum? $8 \times 1=8$

SECTION-B

- 2. Write a note on islets of Langerhans. 4
- 3. Give an account of evolution of urogenital ducts in males.

1

4. How do mammals maintain water balance?

3111(2518)/CTT-436

www.a2zpapers.com www.a2zpapers.com

ad free old Question papers gndu, ptu hp board, punjab

a2zpapers.com

5.	Explain the structure of hind brain.	4
6.	How are action potentials conducted along the axon	?
		4
7.	Write a note on adrenal medulla.	4
8.	Explain the role of calcium in controlling actin myos	in
	interactions.	4
9.	Discuss the various types of jaw suspensions.	4
	SECTION—C	ia.
10.	Explain the structure and function of anterior pituitary	
		6
11.	Describe the structure of skeletal muscles. What is t	he
	mechanism of muscle contraction ?	6
12.	Explain the synaptic transmission of nerve impulse with	ith
	the help of a diagram.	6
13.	Discuss the structure and function of mammalian kidn	ey
	giving a well labeled diagram.	6
	Cameracanon an taby	
	wall must the president entering and which which	

3111(2518)/CTT-436

2

500

www.a2zpapers.com www.a2zpapers.com bad free old Question papers gndu, ptu hp board, punjab