



QUAID-I-AZAM UNIVERSITY
ISLAMABAD

B.Sc. Annual Examinations--2013
(PART-I)

Roll No: _____

SUBJECT: **Zoology**

PAPER: **C (Theory)**

June 21, 2013

(Subjective Part) To be attempted in 2 hours and 30 minutes **Max Marks: 20**

Section-II (Short Questions)

Note: Attempt any SIX of the following:

(1x6=6)

Q. No.2:

- i. What is the function of poisonous glands in Amphibians?
- ii. Give two functions of bone?
- iii. Enlist some responses of PNS?
- iv. PiT organs are present in which animals and what are their functions?
- v. Name some phonoreceptors.
- vi. What are the pheromones?
- vii. Write names of the hormones of Placenta.
- viii. What are essential minerals? Also give two examples.
- ix. Give physiological roles of zinc.

Section-III (Long Questions)

Note: Attempt any TWO questions. All questions carry equal marks.

Q. No.3 Do as required.

- (a) Write note on hairs. **(2)**
- (b) How the skeletal muscle contract? **(5)**

Q. No.4 Describe the mechanisms of hormone action. Also show the steps diagrammatically. **(7)**

Q. No.5 Do as required.

- (a) Mention the steps of digestion and nutrients absorption in a mammal. **(3)**
- (b) Write a note on human ear. **(4)**