

UNIVERSITY OF BUEA
FACULTY OF SCIENCE
SECOND SEMESTER EXAMINATIONS FOR 2008/2009 SESSION
DEPARTMENT: PAS **COURSE INSTRUCTORS: Salah,**
MONTH: September 2009 **COURSE CODE: ZOO 612**
COURSE TITLE: Systemic Physiology of Mammals
TIME ALLOWED: 3 Hours
INSTRUCTIONS: Answer all the Seven Questions

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- (1) How do the circulatory system, digestive system and respiratory system work together in the body? (10 Marks).
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- (2) In what way does the Nervous system work with the Endocrine system to control homeostasis? (10 Marks).
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- (3) Discuss the way the circulatory and the urinary systems work in conjunction in reproductive system? (10 Marks).
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- (4) Describe how the endocrine and the nervous system are related? (10 Marks).
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- (5) How does iron deficiency anaemia affect the circulatory system, the digestive system and respiratory system? (10 Marks).
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- (6) What is the role of digestive system? How is the mechanism of secretion of intestinal parietal and chief cells? (10 Marks).
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- (7) How does The Respiratory System interact with the Muscular System? (10 Marks).
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Grand Total: 70 Marks

.....**Good Luck**.....