

UNIVERSITY OF SWAZILAND

RESIT EXAMINATION PAPER 2017

TITLE OF PAPER : **INTRODUCTORY ANIMAL PHYSIOLOGY**

COURSE CODE : **BIO271**

TIME ALLOWED : **THREE HOURS**

INSTRUCTIONS : **1. ANSWER QUESTION 1 AND ANY TWO (2)
 OTHER QUESTIONS**
 **2. WHEREVER POSSIBLE ILLUSTRATE YOUR
 ANSWERS WITH LARGE CLEARLY
 LABELLED DIAGRAMS**

SPECIAL REQUIREMENTS: **NONE.**

**THIS PAPER IS NOT TO BE OPENED UNTIL PERMISSION HAS BEEN
GRANTED BY THE INVIGILATORS**

QUESTION 1.

Draw a large clearly labelled sketch of the human ear. Describe in detail the function of each part. What are the common problems with ear function and how are these resolved?

[Total Marks = 50]

QUESTION 2.

Describe and discuss the types, anatomy and function of joints in the human skeletal system.

[Total Marks = 25]

QUESTION 3.

Describe the processes of contraction and relaxation of human skeletal muscle.

[Total Marks = 25]

QUESTION 4.

Draw a labelled sketch of a cross section through the human skin. Detail the function of each of the parts.

(25 Marks)