FACULTY	HEALTH SCIENCES AND VETERINARY MEDICINE		
DEPARTMENT	PRECLINICAL VETERINARY STUDIES		
SUBJECT	VETERINARY STRUCTURE AND FUNCTION III PAPER 1		
SUBJECT CODE	V3681ES		
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DURATION	3 HRS	**MARKS**	150

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Instructions

This QUESTION paper consists of Three (3) pages including this front page.
This paper consists of 2 sections:
Section A: 85 marks
Section B: 65 marks
Answer each section in a separate answer booklet

ANSWER ALL QUESTIONS

SECOND OPPORTUNITY EXAMINATION QUESTION PAPER

Section A

Question 1
Name and describe the layers that make up the walls of the uterus. [12]

Question 2
Name and describe the openings of the cervix. [4]

Question 3
Describe the structure of the dog's external ear. [12]

Question 4
Name the two types of glands found in the eyelid. [2]

Question 5
Draw and label a cross-section of the testis. [8]

Question 6
Name and describe the major suspensory structures of the udder. [14]

Question 7
Describe the production and drainage of the aqueous humour in the eye. [8]

Question 8
Name the components of the middle ear and describe the structure of each. [11]

Question 9
Name the extrinsic penile muscles in dogs and state the function of each. [8]

Question 10
Draw and label a mature Graafian follicle. [6]

Section B

Question 11

Name and describe, with examples, the main types of hair. [9]

Question 12

Describe the gross, topographical and comparative anatomy of the thyroid gland in domestic animals. [10]

Question 13

Describe the development of the eye. [18]

Question 14

In the table below, fill in the missing information. [9]

Endocrine gland	**Location**	**Colour**	**Consistency**
Hypophysis			
Adrenal			
Epiphysis cerebri			

Question 15

Describe the development of the gonads up to and concluding, **the indifferent stage** in the male and female. [19]

End of paper