

**W1-2-60-1-6**

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2020/2021**

**SUPPLEMENTARY/SPECIAL EXAMINATION FOR THE DEGREE OF BACHELOR**

**INS 2106: HUMAN ANATOMY II**

**DATE: MARCH 2021 TIME: 3 HOURS**

SECTION I: MULTIPLE CHOICE QUESTIONS. CHOOSE ONE CORRECT ANSWER. WRITE THE ANSWER IN THE EXAM BOOKLET PROVIDE.

1. Brunner’s glands are unique features in which one of the following parts of the digestive system

a. Colon

b. Appendix

c. Duodenum

d. Stomach

2. Which one of the following parts of the digestive system has a function of body defence rather than of digestion?

a. Conon

b. Appendix

c. Duodenum

d. Stomach

3. In which part of the urinary bladder does the urethra exit?

a. Neck

b. Superolateral surface

c. Apex

d. Superior corner of the base

4. The longest part of the male urethra is the?

a. Pre-prostatic

b. Spongy

c. Membraneous

d. Prostatic

5. In which cavity is the pituitary gland located?

a. Oral

b. Thoracic

c. Pelvic

d. Cranial

6. Which one of the following parts of the penis is a made of erectile tissues?

a. Prepuce

b. Glans penis

c. Corpus spongiosum

d. Tunica vaginalis

7. Which one of the following statement is NOT TRUE regarding digestive system?

a. The rectum has the primary function of fecal storage

b. The wall of colon is thicker than that of small intestines

c. The liver is entirely located on the right side of the body

d. Transverse colon is located in the pelvic cavity

8. Collection of cell bodies in the peripheral nervous system is known as?

a. Ganglinon

b. Nucleus

c. Neuron

d. Nerve

9. Which one of the following stratum of epidermis is the thinnest and often missing?

a. Basale

b. Spinosum

c. Corneum

d. Lucidum

10. Which one of the following is not part of a nephron?

a. Bowman’s capsule

b. Glomerulus

c. Proximal convoluted tubules

d. Ureter

SECTION II: SHORT ANSWER QUESTIONS. ANSWER ALL QUESTIONS. EACH

QUESTION CARRIES 5 MARKS

1. Draw a well labeled diagram of a tooth structure. (5 marks)

2. Name the cells of the skin and give their functions. (5 marks)

3. Name the endocrine glands and indicate where they are located. (5 marks)

4. Name the parts of male urethra and explain why infection of urinary bladder (cystits) is more common on women than men. (5 marks)

5. Draw a well labeled diagram of a multipolar neuron. (5 marks)

6. List the differences between the small and large intestines (colon). (5 marks)

7. Name the extra-ocular muscles of the eye and indicate their actions. (5 marks)

8. Draw a well labeled diagram of the kidney. (5 marks)

9. Name the first five cranial nerves and give their functions. (5 marks)

10. Outline the gross anatomy of the penis. (5 marks)

SECTION III: ESSAY TYPE QUESTIONS. ATTEMPT BOTH QUESTIONS. EACH QUESTION CARRIES 20 MARKS

1. About endocrine system

i. Name the primary endocrine organs. (5 marks)

ii. Name any five hormones produced by pituitary glands indicating their functions. (5 marks)

iii. Describe the anatomy of suprarenal glands. (10 marks)

2. Discuss urogenital system under the followings:-

i. Name the organs of male reproductive system. (6 marks)

ii. Describe the locations and relations of the urinary bladder. (8 marks)

iii. Draw a labeled diagram of the uterus. (6 marks)