



KENYATTA UNIVERSITY

SUPPLEMENTARY/SPECIAL EXAMINATION 2021/2022

EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE (NURSING)

HNS 165 : HUMAN ANATOMY II

JUNE/JULY, 2022

TIME: 2 HOURS

INSTRUCTIONS:

All questions are compulsory

Each MCQ has 1 mark each

PART A: MCQ's (20 marks)

Answer all questions in the answer book provided.

SECTION A (MCQS 20 MARKS)

1. One of the following categories of glial cells is found in the peripheral nervous system
 - A. Radia flia
 - B. Ependymal cells
 - C. Schwan cells
 - D. Astrocytes
2. ----- is the largest lymphatic vessel in the human body
 - A. Thoracic duct
 - B. Right lymphatic duct
 - C. Subclavian trunk
 - D. Bronchomediastinal truck
3. The following structures are in the roof of the oral cavity EXCEPT
 - A. Soft palate
 - B. Uvula
 - C. Hard palate
 - D. Buccinator muscles
4. ----- is the most anterior part of the tongue
 - A. Apex
 - B. Median sulcus
 - C. Base
 - D. Terminal sulcus

5. One of the following is odd one out in bones of the nose
 - A. Nasa
 - B. Lacrimal
 - C. Temporal
 - D. Maxillae
6. One of the following is laryngeal cartilages is paired
 - A. Thyroid
 - B. Cricoid
 - C. Epiglottis
 - D. Arytenoid
7. One of the following hormones is secreted from the posterior lobe of the pituitary gland
 - A. Growth hormone
 - B. Antidiuretic hormone
 - C. Prolactin
 - D. Luteinizing hormone
8. The following are segments of the internal carotids except
 - A. Vertebral
 - B. Cervical
 - C. Petrous
 - D. Cavernous
9. Deoxygenated blood from the brain drains into the -----veins
 - A. External jugular
 - B. Subclavian
 - C. Internal jugular
 - D. Brachiocephalic
10. The following are components of the circle of willis except
 - A. Anterior communicating artery
 - B. Posterior cerebral
 - C. Anterior cerebral
 - D. External carotid
11. The end of a muscle that remains stationary when the muscle contracts is called the
 - A. Origin
 - B. Aponeurosis
 - C. Insertion
 - D. Tendon

12. The Sternocleidomastoid inserts on the
- A. Occipital bone
 - B. Clavicle
 - C. Mastoid process of the temporal bone
 - D. Sternum
13. One of the following muscles has its insertion on the sternum?
- A. Internal oblique
 - B. External intercostal
 - C. Rectus abdominis
 - D. Internal intercostals
14. The quadriceps group includes all of the following except
- A. Biceps femoris
 - B. Vastus intermedius
 - C. Vastus lateralis
 - D. Rectus femoris
15. A thin layer of dense connective tissue that anchors the kidney to its surrounding structures to the abdominal wall and to its partner on the opposite side is
- A. Renal cortex
 - B. The Renal fascia
 - C. Renal capsule
 - D. Renal adipose capsule
16. The hepatics of the Liver comprise of the following vessels except
- A. Hepatic vein
 - B. Hepatic artery
 - C. Hepatic portal vein
 - D. Common hepatic duct
17. The duct that delivers bile from the gall bladder is
- A. Right hepatic duct
 - B. Left hepatic duct
 - C. Cystic duct
 - D. Common bile duct
18. One of the following structures is a remnant of the round ligaments/ligamentum teres
- A. Umbilicus artery
 - B. Umbilicus veins

C. Allantiois

D. Yolk sac

19. The spleen is palpated in which abdominal quadrant

A. Right hypochondriac region

B. left hypochondriac region

C. Epigastric region

D. Hyopogatric region

20. The caecum is located at the

A. Beginning of the small intestine proximal to the duodenum

B. Beginning of the large intestine proximal to the ascending colon

C. Proximal to the liver hepatis attached to the hepatic portal vein

D. Rectum close to the external anal spinchter

SECTION B SHORT STRUCTURED QUESTIONS 40 MARKS)

1. Explain the tissue layers of a tooth (4 marks)

2. Describe anatomy of the esophagus (4 marks)

3. Describe anatomy of the thyroid gland (4 marks)

4. Using an illustration, explain the branches at the arch of the aorta (4 marks)

5. Draw a labeled diagram showing the structure of the eyeball (4 marks)

6. Differentiate between the two parts of the pituitary gland (6 marks)

7. Describe the nephron (8 marks)

8. Describe internal structure of male reproductive system (6 marks)

SECTION C (LONG STRUCTURED QUESTION 40 MARKS)

Question 1

Describe the structure of the heart in terms of:

a) External anatomy (10 marks)

b) Internal anatomy (10 marks)

Question 2

a) Draw a diagram of the internal structures of the female reproductive organs. (5 marks)

b) Describe the internal structure of female reproductive system. (15 marks)