

Course No: DNTS 1206
Course Title: General
Anatomy
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Using Calculator (No)

University of Palestine



Final Exam
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Total Grade: 60

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surgery
Dep. / Specialist: _____
Using Dictionary (No)

Question One: Put the sign (√) against the right sentences and the sign (X) against the wrong sentences: (7.5 Marks).

1. The longest part of male urethra is a prostatic urethra ().
2. Squamous cells of lung are the lining cells of bronchi ().
3. There are 8 cranial bones makeup the protective frame bone around brain ().
4. Gastrin stimulates the chief cells of stomach to secret pepsinogen enzyme ().
5. Dorsi flexion is an ankle movement pointing the foot downward ().
6. The transverse processes of typical cervical vertebrae are bifurcated ().
7. Osteoclasts are large cells that break down bone tissues ().
8. The lateral compartment muscles of leg are extensor of the foot and innervated by deep peroneal nerve ().
9. Adrenal cortex hormones are essential for life ().
10. All arteries of heart exit from left ventricle ().
11. Portal triad is a portal arteriole and venule with bile duct between plates of hepatocytes ().
12. The biological clock of diurnal rhythm is the thymus gland ().
13. Capillaries are microscopic vessels that connect arterioles and venules ().
14. The Para-nasal sinuses are lined by stratified ciliated columnar epithelium ().
15. Extension is an increasing the angle between bones ().

Question Two: Write the scientific term against the following phrases: (7.5 Marks).

1. () Double layer of peritoneum support long coils of jejunum and ileum.
2. () Granule modified muscle cells secret renin in response to falling blood pressure.
3. () Sockets in the gum covered margins of mandible and maxilla.
4. () Circle which interconnects the internal carotid arteries and the basilar artery on the inferior surface of brain.
5. () Endocrine part of pancreas that secret hormones regulate the glucose level in blood.
6. () Part of soft palate elevates during swallowing to prevent entering material from Oropharynx into nasopharynx.
7. () Veins carry rich oxygen blood into left atrium.
8. () Superior opening of the larynx.
9. () Region of adrenal cortex secret the glucocorticoid hormone.
10. () Outermost layer of a blood vessel made of loose connective tissue.

Question Three: Select and circle the correct answer from the following alternatives for each sentence: (10 Marks).

1. Which of the following hormones is secreted from neurohypophysis and raises the blood pressure:
- a. Aldosterone.
 - b. Anti-diuretic hormone.
 - c. Oxytocin.
 - d. Melatonin.

2. Which of the following hormones responsible for ejection the milk from mammary gland:

- a. Prolactin.
- b. Oxytocin.
- c. Lutenizing hormone.
- d. estrogen.

3. Which of the following hormones is responsible for increasing the Ca^{++} level in blood:

- a. Parathormone.
- b. Calcitonin.
- c. Thyroxine.
- d. All of the above hormones.
- e. a and b only.

4. Which of the following parts of stomach is supplied by right gastric artery:

- a. Left side of greater curvature.
- b. Right side of greater curvature.
- c. Right side of lesser curvature.
- d. Fundus.

5. Which of the following structures is not part of respiratory membrane in the lung :

- a. Alveolar epithelium.
- b. Capillary endothelium.
- c. Type I Squamous epithelial cells.
- d. Fused basal laminae of both alveoli and capillary.

6. Which of the following arteries is not a branch of Celiac trunk:

- a. Short gastric artery.
- b. Splenic artery.
- c. Left gastric artery.
- d. Common hepatic artery.

7. Study the form and markings of the body is a/an:

- a. Gross anatomy.
- b. Surface anatomy.
- c. Regional anatomy.
- d. Systematic anatomy.

8. Which of the following cartilages is not a hyaline cartilage of larynx:

- a. Cricoid.
- b. Arytenoid.
- c. Thyroid.
- d. Epiglottis.

9. Which of the following is not found in popliteal Fossa:

- a. Tibial nerve.
- b. Common peroneal nerve.
- c. Tibial artery.
- d. Genicular arteries.

10. Which of the following organs is a retroperitoneal organ:

- a. Liver.
- b. Kidney.
- c. Stomach.
- d. Sigmoid colon.

11. Which of the following bones is not found in distal raw of wrist:

- a. Trapezium.
- b. Triquetral.
- c. Trapezoid.

d. Hamate.

12. Which of the following parts is a part of colon:

- a. Duodenum.
- b. Jejunum.
- c. Cecum.
- d. Ilium.

13. Which of the following muscles is not innervated by femoral nerve:

- a. Pectineus muscle.
- b. Sartorius muscle.
- c. Psoas muscle.
- d. Iliacus muscle.

14. Which of the following tonsils are found in nasopharynx:

- a. Adenoids.
- b. Palatine tonsils.
- c. Lingual tonsils.
- d. Both b and c.

15. Which of the following bones is not involved in ankle joint:

- a. Talus.
- b. Calcaneus .
- c. Malleolus of tibia .
- d. Navicular.

16. Which of the following cells is not found in the epidermis of skin:

- a. Langerhan cells.
- b. Merkel cells.
- c. Melanocytes.
- d. Schwann cells.

17. Which of the following processes is not related to scapula:

- a. Coronoid.
- b. Coracoid.
- c. Acromion.
- d. Spine.

18. Which of the following cells secret testosterone from testes:

- a. Corpus Luteum.
- b. Interstitial cells.
- c. Granulosa cells.
- d. Pinealocytes.

19. Which of the following ribs is floating one:

- a. The first rib.
- b. The second rib.
- c. The ninth rib.
- d. The twelfth rib.

20. Which of the following muscles is not one of Hamstrings:

- a. Piriformis.
- b. Biceps femoris.
- c. Semimembranous.
- d. Semitendinous.

Question Four: Define the following scientific terms:

(5 Marks).

1. **Synchondrosis:**-----

2. **Lacteal:**-----

3. **Trigone:**-----

4. **Vasa recta:**-----

5. **Internal respiration:**-----

Question Five: Enumerate the followings:

(10 Marks).

1-Cardiac Valves and type of each one:

- a)-----
- b)-----
- c)-----
- d)-----

2- Branches of Axillary artery:

- a)-----
- b)-----
- c)-----
- d)-----
- e)-----
- f)-----

3- Three main Functions of Lymphatic systems:

- a)-----
- b)-----
- c)-----

4- Facial Bones:

- a)-----
- b)-----
- c)-----
- d)-----
- e)-----
- f)-----
- g)-----
- h)-----

5- Hormones that secreted from anterior lobe of pituitary gland:

- a)-----
- b)-----
- c)-----
- d)-----
- e)-----
- f)-----

Question six: Answer the following questions: (20 Marks).

1. Describe the conduction system of the Heart ?

2. Draw the Biliary Tract, and Describe the components of it?

Drawing:

3. Describe the origin and parts of Brachial Plexus and enumerate the main nerve branches from it?

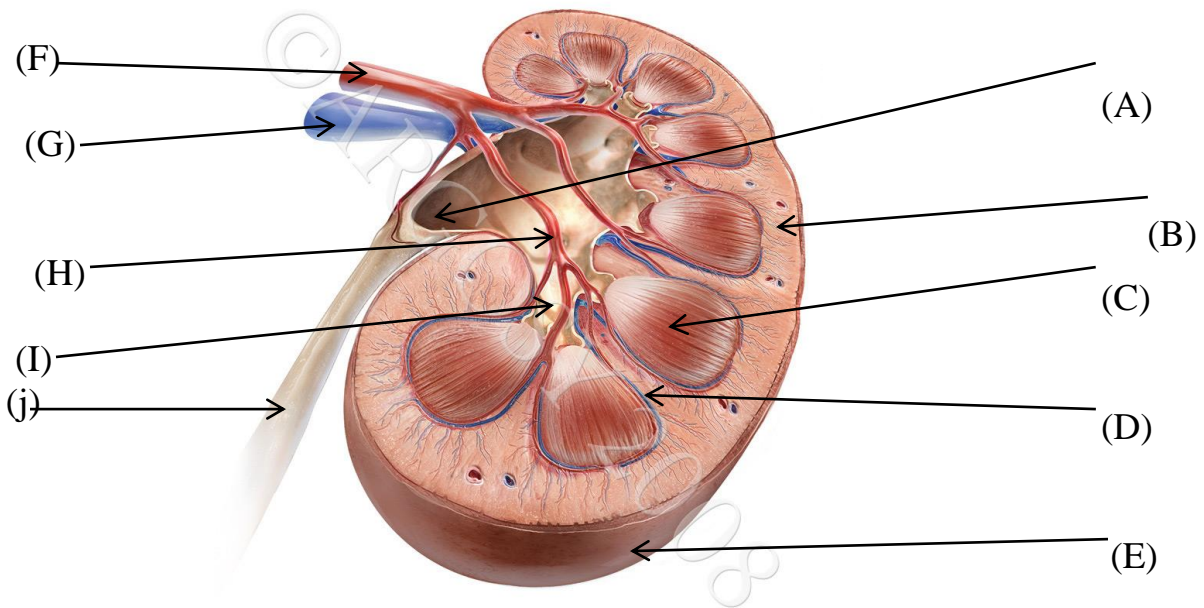
4. Write briefly about the Large intestine (Parts, Special features of external wall, Location of each part of it, Function, Histology, and Defecation control)?

5. Using the figure (5) below:

5.1. Identify the labeled parts of kidney?

- Label A:-----
- Label B:-----
- Label C:-----
- Label D:-----
- Label E:-----
- Label F:-----
- Label G:-----
- Label H:-----
- Label I:-----
- Label j:-----

Figure 5: Parts of Kidney



5.2. Draw the Nephron and Write the name of each part of Nephron?

End of Questions
Good Luck