

Course No: DMEC 1302
Course Title: Anatomy & Physiology1
Date: 18 /5/2013
No. of Questions: (8)
Time: 2hours
Using Calculator (No)

University of Palestine



Final Exam
2nd Term 2012/2013
Total Grade:50

Instructor Name: Dr. Amjad ElShanti
Student No.: _____
Student Name: _____
College Name: _____
Dep. / Specialist: Nursing
Using Dictionary (No)

Question One: Put the sign (✓) against the right sentences and the sign (X) against the wrong sentences: (10 Marks).

1. Coronary sinuses are branches of ascending aorta ().
2. Right lung has two fissures while the left lung has only one fissure ().
3. Dendrites of neurons have no ribosomes and take information away from the cell body. ().
4. Larynx extends from the base of skull to the level of the sixth cervical vertebra ().
5. Ilium is the terminal part of the small intestine ().
6. The internal urethral sphincter is smooth muscle ().
7. Mitochondrion is responsible for production ATP in the cell ().
8. The second part of male urethra is called the prostatic urethra ().
9. Testosterone is produced by interstitial cells ().
10. The fertilization of oocyte by sperm occurs inside the fallopian tube ().
11. SA Node is the peacemaker of heart ().
12. The largest salivary gland is the parotid gland ().
13. Right side of heart is filled with non oxygenated blood ().
14. All branches of celiac artery supply the duodenum by blood ().
15. The middle layer of ureter is the loose connective tissue ().
16. Sweat gland ducts are examples of stratified columnar epithelium. ().
17. The disc between vertebrae is fibrocartilage ().
18. Mitral valve regulates blood flow between left atrium and left ventricle ().
19. Frontal sinus is located deep the face behind the nose ().
20. Excitability is the ability of body to sense changes within and around it ().

Question Two: Write the scientific term against the following phrases: (5 Marks).

1. () Blood cells responsible for destroying pathogens.
2. () Neurons that send information toward the central nervous system.
3. () Nine triples of microtubules play an important role in cell division.
4. () Part of small intestine, into which the stomach opens.
5. () Plane that divide the human body into right and lest sides.
6. () Slightly alkaline mixture of sperm cells and secretions from the accessory glands.
7. () A double-layered membrane surrounds the lung like a sac.
8. () Triangular area in the urinary bladder formed from two uretric openings and urethral opening.
9. () The largest gland of the body located beneath the right hypochondriac region.
10. () The structures which form the root of the lung enter and leave the viscus.

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Question Three: Select and circle the correct answer from the following alternatives for each sentence: (5 Marks).

- 1- The sperms are formed by :
 - A. Cells of Leydig
 - B. Sertoli's cells
 - C. Seminiferous tubules
 - D. Oogonia

- 2-Which of the following cells is found in brain:
 - A. Neuroglia
 - B. Chondrocytes
 - C. Osteocytes
 - D. Sertoli's cells

- 3- Which of the following muscle is found in heart:
 - A. Smooth muscle
 - B. Skeletal muscle
 - C. Papillary muscle
 - D. All of the above muscles


- 4- Which of the following muscles is responsible for expelling urine from the bladder when contracts:
 - A. Detrusor muscle
 - B. Papillary muscle
 - C. Dartos muscle
 - D. Cremaster muscle

- 5- The following are considered accessory glands of male reproductive system **except**:
 - A. Seminal vesicles
 - B. Epididymis
 - C. Cowper's glands
 - D. Prostate

- 6- The following are organs of female external genitalia **except**:
 - A. Labia majora
 - B. Mons pubis
 - C. Clitoris
 - D. Vagina

- 7-The following organelles play role in synthesis protein in the cell **except**:
 - A. Ribosomes
 - B. Rough Endoplasmic Reticulum
 - C. Golgi apparatus
 - D. Nucleolus

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8- The following bones are of importance to oral cavity **except**:

- A. Incisive bone
- B. Mandibles
- C. Maxillae
- D. Ethmoid

9- Which of the following organs is an example of transitional epithelium:

- A. skin
- B. Tongue
- C. Urinary tract
- D. Blood vessels

10- The following arteries are branches of Descending Abdominal Aorta **except**:

- A. Superior mesenteric artery
- B. Inferior mesenteric artery
- C. Renal artery
- D. Femoral artery

Question Four: Match between the sentences of Group (A) and the phrases of Group (B):
(5 Marks).

| Group (A) | Group (B) | |
|-------------------------------------|-----------|--|
| 1. Blood | () | Simple Squamous epithelial tissue |
| 2. Stomach mucosa | () | Simple cuboidal epithelial tissue |
| 3. Fallopian tube lining | () | Unkeratinized stratified epithelial tissue. |
| 4. Endocardium | () | Connective tissue proper. |
| 5. Renal tubules | () | Stratified columnar epithelial tissue. |
| 6. Respiratory Tract lining | () | Elastic cartilage |
| 7. Adipose tissue | () | Pseudostratified columnar epithelial tissue. |
| 8. Mouth lining | () | Specialized connective tissue. |
| 9. Largest ducts of salivary glands | () | Simple ciliated columnar epithelial tissue . |
| 10. Tip of nose | () | Simple columnar epithelial tissue. |

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Question Five: Define the following scientific terms: (5 Marks).

1. Pericardium:-----
2. Vas Deference:-----
3. Villi:-----
4. Menopause:-----
5. Axon:-----

Question Six: Enumerate the followings: (5 Marks).

1- Branches of Arch of Aorta:

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

2- Functions of lymphatic system:

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


3- Functions of epithelial tissues:

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

4- Functions of kidney:

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

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Question Seven: Answer the following questions: (10Marks).

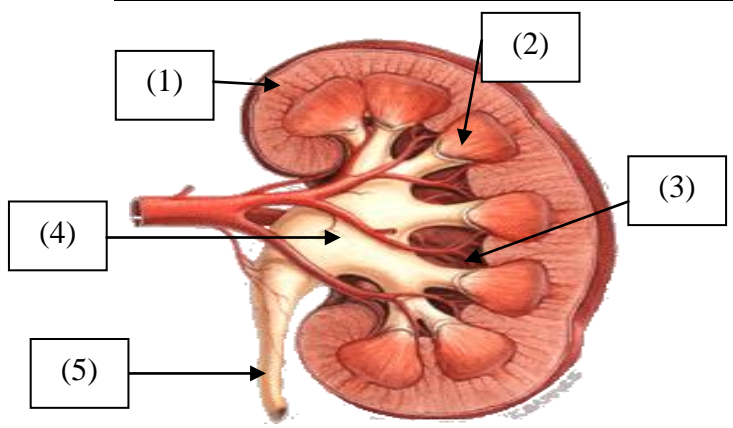
1. Write short notes about structure and functions of larynx:

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2. Write short notes about anatomy of parts of mediastinum :

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Question Eight: Write the anatomical terms for the following numbered parts: (5 Marks).



1.....
2.....
3.....
4.....
5.....

End of Questions
Good Luck