

Course No: DMEC 1302  
Course Title: Anatomy & Physiology1  
Date:24/1/2015  
No. of Questions: (8)  
Time: 2hours  
Using Calculator (No)

University of Palestine



Final Exam  
1<sup>st</sup> Term 2014/2015  
Total Grade:50

Instructor Name: Dr.Amjad ElShanti,  
Dr. Ayman Rashid  
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. The fertilization of oocyte by sperm occurs inside the uterus ( ).
2. Thymus gland is located behind the sternum in the mediastinum and its function differentiation and maturation of T cells ( ).
3. Right lung has three lobes while the left lung has only one lobe ( ).
4. The largest salivary gland is the sublingual gland ( ).
5. All branches of celiac artery supply the stomach by blood ( ).
6. The middle layer of ureter is the fibrous connective tissue ( ).
7. A lactiferous duct collects the milk from lobules and carries it to the nipple ( ).
8. The second part of female urethra is called the membranous urethra ( ).
9. Sphenoid sinus is located deep the face behind the nose ( ).
10. Coronary arteries are branches of ascending aorta ( ).
11. Contractility is the ability of body to sense changes within and around it ( ).
12. Sweat gland ducts are examples of stratified cuboidal epithelium. ( ).
13. Axons of neurons have no ribosomes and take information away from the cell body. ( ).
14. Feotal period of gestation extends from third month up to delivery ( ).
15. Tricuspid valve regulates blood flow between left atrium and left ventricle ( ).
16. Thoracic duct drains lymph from all parts of the body except right upper part ( ).
17. Larynx extends from the base of skull to the level of the sixth cervical vertebra ( ).
18. Cecum is the terminal part of the small intestine ( ).
19. The internal urethral sphincter is smooth muscle ( ).
20. Sperms are produced by spermatogenesis within somniferous tubules ( ).

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

1. ( ) Triangular area in the urinary bladder formed from two uretric openings and urethral opening.
2. ( ) Slightly alkaline mixture of sperm cells and secretions from the accessory glands.
3. ( ) The largest gland of the body located beneath the right hypochondriac region.
4. ( ) The structures which form the root of the lung enter and leave the viscus.
5. ( ) Part of small intestine, into which the stomach opens.
6. ( ) Multiple groups of large lymphatic nodules are located in mucous membrane of the oral and pharyngeal cavities.
7. ( ) A double-layered membrane surrounds the heart like a sac.
8. ( ) Primary germ layers from the gastrula, from where the muscles are derived.
9. ( ) Neurons that send information away from the central nervous system to muscles.
10. ( ) Nine triples of microtubules play an important role in cell division.

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

- 1- The following are of duct system of male reproductive system except:
  - A. Epididymis
  - B. Ejaculatory duct
  - C. Seminal vesicle
  - D. Vas deferens
  
- 2-Which of the following tissue is found in the urinary bladder:
  - A. Bone
  - B. Cartilage
  - C. Ciliated columnar epithelium
  - D. Transitional epithelium
  
- 3- Which of the following muscle is not found in right atrium cavity:
  - A. Coronary sinus
  - B. SA node
  - C. Mitral valve
  - D. AV node
  
- 4- Which of the following glands is not from the accessory male reproductive glands:
  - A. Bulbourethral glands
  - B. Prostate gland
  - C. Seminal vesicle
  - D. Suprarenal glands
  
- 5- The following are considered salivary glands **except**:
  - A. Submandibular glands
  - B. Parotid glands
  - C. Cowper's glands
  - D. Sublingual glands
  
- 6- The following are organs of female external genitalia **except**:
  - A. Labia majora
  - B. Mons pubis
  - C. Clitoris
  - D. Vagina
  
- 7- Which of the following organelles is responsible for energy production **except**:
  - A. Ribosomes
  - B. Rough Endoplasmic Reticulum
  - C. Golgi apparatus
  - D. Mitochondria

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- 8- The following bones are of importance to oral cavity **except**:
- Incisive bone
  - Mandibles
  - Maxillae
  - Ethmoid
- 9- Which of the following organs is an example of transitional epithelium:
- skin
  - Tongue
  - Urinary tract
  - Blood vessels
- 10- The following arteries are branches of Arch of Aorta directly**except**:
- Left common carotid artery
  - Right common carotid artery
  - Left Subclavian Artery
  - Brachiocephalic Artery

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

Group (A)	Group (B)	
1. Cells bind neurons together.	( )	Cells of leydig.
2. Smooth muscle in urinary bladder for expelling the urine.	( )	Sertoli's cells.
3. Cells found around primary oocyte secreting oestrogen.	( )	Spermatogenium B cells.
4. Cells produce testosterone.	( )	Oogenium cells.
5. Mobile connective tissue cells found near blood vessels.	( )	Dartos.
6. Large cells in testis support and nourish other cells.	( )	Detrosure.
7. Smooth muscle gives the scrotum the wrinkled appearance.	( )	Cremaster.
8. Skeletal muscle controls the position of the scrotum.	( )	Neuroglia cells.
9. Primitive germ cells in ovaries.	( )	Granulosa cells.
10. Cells responsible for production primary spermatocytes.	( )	Mast cells.

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

1. Pleura:-----
2. Ureter:-----
3. Cilia:-----
- 4.Zygote:-----
- 5.Organ:-----

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

1- Branches of celiac artery:

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

2-Parts of male urethra:

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

3-Components of nephron:

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

4- Genital tract of female reproductive system:

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

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

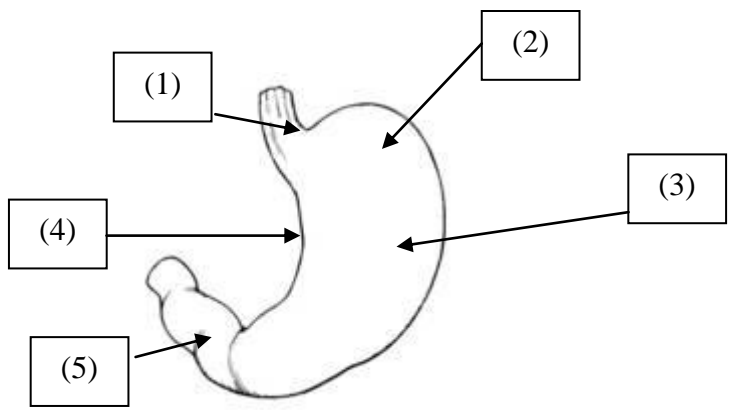
1. Write short notes about structure and functions of kidney:

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2. Write short notes about anatomy of biliary (system) tract:

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



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2	-----
3	-----
4	-----
5	-----

End of Questions  
*Good Luck*