

Course No: DMEC 1302
Course Title: Anatomy and Physiology 1
Date: 15/01/2014
No. of Questions: 6
Time: 2 hour

University of Palestine



Final Exam
First Term 2013/2014
Total Grade: 50 Marks

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Student No.: _____
Student Name: _____
College Name: _____
Grade No: 101

Answer the following questions:

(Q1) put (T) or (F): **{10 Marks}**

1. Coronal plane divide the body into anterior and posterior. ()
2. Pepsin enzyme of stomach turn proteins into amino acids. ()
3. Lungs are perfused by both pulmonary and systemic circulation. ()
4. The kidneys are protected by three layers of connective tissues. ()
5. The baby's heart begin to beat at the fifth week of development. ()
6. The hillus of the lungs is the superior tip of them. ()
7. Uro epithelium is transitional epithelium lining the urinary treat. ()
8. Columnar epithelium with goblet cells is called glandular epithelium. ()
9. The left lung has two fissures. ()
10. Anemia of renal pathology is Megaloblastic anemia. ()

(Q2) choose the correct answer: **{10 Marks}**

1. Direction away from surface of the body:
 - a. Distal
 - b. Deep
 - c. proximal
 - d. lateral
2. ligaments and tendons are C.T.:
 - a. loose
 - b. dense
 - c. reticular
 - d. Adipose
3. The salivary gland near the upper teeth:
 - a. Parotid
 - b. Submandibular
 - c. sublingual
 - d. maxillary
4. C.T. proper include the following except:
 - a. Areolar
 - b. Dense
 - c. Transitional
 - d. Adipose
5. The largest gland of the body is:
 - a. Pan crease
 - b. Liver
 - c. Thyroid
 - d. Thymus
6. Blood vessels of the lungs present in:
 - a. Root
 - b. Apex
 - c. Hillus
 - d. Base
7. The female gamete is:
 - a. Ovum
 - b. Sperm
 - c. Zygote
 - d. Placenta

8. The bronchial arteries don't supply:
- a. Alveoli
 - b. Hillus
 - c. Apex of lung
 - d. Base of lung
9. The Abdominal regions include the following except:
- a. Hypochondrium
 - b. Lumber
 - c. Epigastrium
 - d. Sacral
10. The capacity of urinary bladder is:
- a. 100 – 200 ml
 - b. 50 – 100 ml
 - c. 200 – 300 ml
 - d. 300 – 400 ml

(Q3) what is the scientific meaning of:

{5 Marks}

1. Hormone of stomach for absorption of B₁₂.
2. Point of Start the cardiac electrical path way.
3. Periods of contraction and relaxation cardiac muscle.
4. The second period of gestation.
5. Provide systemic blood to the lung tissues.

(Q4) write the physiological aspects of:

{10 Marks}

1. The bile.
2. gastic Juices.
3. Reninehormone.
4. Insuline and glucagon.
5. Amylase of saliva.

(Q5) from your know ledge in embryology define the following:

{5 Marks}

1. Gametogenesis.
2. Oligo and esthenospermia.
3. The zygote.
4. Fertilization.
5. Sperm and ovum.

(Q6) write brief account about:

{10 Marks}

1. Blood supply of the lungs.
2. Electrical conductive pathway of the heart.
3. Classification of connective tissues.
4. Functions of the liver.
5. Blood supply of stomach.

Good luck