

Course No: PHRM 1206  
Course Title: Anatomy & Physiology 1  
Date: 14 /3/2017  
No. of Questions: (6)  
Time: 1hour  
Using Calculator (No)

University of Palestine  
  
First Exam  
Second term 2016/2017  
Total Grade: 15 Marks

Instructor Name: Dr. Amjad El-Shanti  
Student No.: \_\_\_\_\_  
Student Name: \_\_\_\_\_  
College Name: Pharmacy  
Dep./Specialist:  
Using Dictionary (No)

**Question One :** (2.5 marks)

**Put the sign (√) against the right sentences and the sign (X) against the wrong sentences:**

- 1- ( ) Pleura is a central part of thoracic cavity between lungs extending from the sternum to the vertebral column.
- 2- ( ) Pseudostratified epithelium is found mainly in the urinary system.
- 3- ( ) Nervous tissue develops from ectoderm.
- 4- ( ) Stratum Lucidum is a multiple layer of epidermis of thick skin.
- 5- ( ) Dermis of skin is only a connective tissue layer of collagen and elastic fibers .

**Question Two:** (2.5 marks)

**Write the scientific term against the following phrases:**

- 1- ( ) The science that deals with structural changes associated with disease.
- 2- ( ) A dense network of collagen fibers and elastic fibers firmly embedded in chondroitin sulfate.
- 3- ( ) Region of dermis looks like finger projections anchors epidermis to dermis.
- 4- ( ) Types of connective tissue cells store energy .
- 5- ( ) Body's ability to detect and respond to changes.

**Question Three:** (2.5 marks)

**Select the correct answer from the following alternatives for each sentence:**

- 1- Plane that divides the body into medial and lateral:
  - a) Frontal.
  - b) Saggital.
  - c) transverse.
  - d) Oblique.
- 2- Which of the following glands is an exocrine gland:
  - a) Thymus.
  - b) Lacrimal.
  - c) Adrenal.
  - d) Thyroid.
- 3- The thickest stratum of epidermis is :
  - a) Basale.
  - b) Spinosum.
  - c) Granulosum.
  - d) Corneum.
- 4- Which of the following is not an example of Epithelial membrane:
  - a) Synovial.
  - b) Pleura.
  - c) Cutaneous.
  - d) Pericardium.

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- 5- Which of the following cartilages is not a hyaline cartilage:
- a) Articular.
  - b) Laryngeal.
  - c) Tracheal.
  - d) Intervertebral.

**Question Four: (1 mark)**

Justify and explain the following sentences:

- A) The pain due to second degree burn is more than other degrees of burn .

Justification:-----  
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- B) Childbirth is a positive feedback.

Justification:-----  
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**Question Five: (1mark)**

Define the following scientific terms:

1- Hemidesmosomes:-----  
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2- Granulation Tissue:-----  
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3- Differentiation:-----  
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4- Autologus skin:-----  
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**Question Six: (5.5marks)**

Answer the following:

- 1- Write in detail in structure, and function of different types of cell junctions:

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**2-Compare between smooth and skeletal muscular tissues:**

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**2-Compare between Appocrines and Holocrines:**

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End of Question  
*Good Luck*