

- Q.27 Draw Diagram of Nephrons and Explain its various part.
- Q.28 Write a brief note on Pituitary gland
- Q.29 Discuss a short note on
- a) Thymus gland
  - b) Pineal gland
- Q.30 Discuss the Cardiac cycles of heart.
- Q.31 Explain the Valve of the heart.
- Q.32 Describe the function of Lungs.
- Q.33 What are Excretion. Describe the structure of Kidney.
- Q.34 Explain the composition of urine.
- Q.35 Difference between Arteries and Veins.

#### **SECTION-D**

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 What are Sense organ. Explain different type of Sense organ.
- Q.37 Give a Details account of conducting system along with diagram.
- Q.38 Write a short note on
- a) Kidney
  - b) Urinary Bladder

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#### **4th Sem / Med. Eltx** **Subject:- Anatomy and Physiology - II**

Time : 3Hrs.

M.M. : 100

#### **SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 Which of the following are parts of the human Respiratory system.
- a) Trachea
  - b) Pharynx
  - c) Both A & B
  - d) None of these
- Q.2 In Which part of Respiration system, gaseous exchange takes place.
- a) Alveoli
  - b) Pharynx
  - c) Larynx
  - d) Trachea
- Q.3 The blood vessels that carry the blood from the heart to the various part of body
- a) Arteries
  - b) Veins
  - c) Septum's
  - d) Capillaries
- Q.4 Which of the following gas is released during the process of respiration
- a) Oxygen
  - b) Nitrogen
  - c) Carbon dioxide
  - d) All of these

- Q.5 The tiny air sac present in human Lungs are  
a) Alveoli                  b) Bronchus  
c) Bronchioles              d) All of these
- Q.6 Which blood vessel carries oxygen blood from the heart to body part  
a) Renal arteries            b) Renal vein  
c) Artery                    d) Vein
- Q.7 Human heart is covered by double layer  
a) Pleura                    b) Sarcolemma  
c) Epicardium                d) Pericardium
- Q.8 The opening of left atrium into left ventricle is guarded by  
a) Mitral valve  
b) Tricuspid valve  
c) Bicuspid valve  
d) Aortic semi lunar valve
- Q.9 The functional unit of Kidney  
a) Tissue                    b) Cell  
c) Nephron                  d) Neuron
- Q.10 Which are the largest artery in heart.  
a) Arota                    b) Pulmonary vein  
c) Pulmonary arteries     d) All of these

## SECTION-B

**Note:** Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Define Haematopoisis  
Q.12 What are Urethre  
Q.13 Name of Lungs membrane  
Q.14 Pulmonary arteries  
Q.15 Basal Metabolic Rate  
Q.16 Ear is sense for \_\_\_\_\_  
Q.17 Neuron consist of parts \_\_\_\_\_  
Q.18 What are Endocrine system  
Q.19 What are pulmonary Vein  
Q.20 Pituitary gland secretes hormone \_\_\_\_\_

## SECTION-C

**Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Explain structure of Neuron and Explain its parts  
Q.22 Draw diagram of human Eyes.  
Q.23 Write a short note on structure of Lungs.  
Q.24 Discuss the Defects of Eyes in Details.  
Q.25 Draw diagram of Human Heart and Explain it.  
Q.26 Draw the Diagram Kidney. Discuss its various parts.