

- Q.28 Explain the internal structure of human heart.
 Q.29 Write a short note on thyroid gland.
 Q.30 What are blood pressures. Explain the measurement of blood pressure
 Q.31 Write a note on Kidney.
 Q.32 Explain the structure of human Tongue.
 Q.33 What are spinal cords. Explain structure of spinal cord.
 Q.34 What are blood. Explain composition of blood.
 Q.35 Enlist various part of brain and explain briefly

SECTION-D

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

- Q.36 Draw Diagram of internal structure of heart and explain its conducting system
 Q.37 What are endocrine system. Explain pituitary gland and its hormones in Details
 Q.38 Write a short note on the followings
 a) ECG
 b) Neuron

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4th Sem / Medical Electronics Subject:- Anatomy & Physiology II

Time : 3Hrs. M.M. : 100

SECTION-A

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

- Q.1 Pulmonary arteries carry
 a) Impure blood b) Pure blood
 c) Both d) None of these
 Q.2 The Voice box is also called the
 a) Larynx b) Lungs
 c) Trachea d) Pharynx
 Q.3 Human heart have chamber
 a) Two Chamber b) Three Chamber
 c) Four Chamber d) Five Chamber
 Q.4 During expiration diaphragm and intercostals muscles
 a) Decrease in size b) Increase in size
 c) Both d) None
 Q.5 The lungs are covered by membrane are

- a) Sarcolemma
- b) Pleura
- c) Pericardium
- d) All of the above

Q.6 SA Node of heart are present in region

- a) Left atrium
- b) Right atrium
- c) Left ventricles
- d) Right ventricles

Q.7 The part of Neurons consist

- a) Nerve cell
- b) Axon
- c) Dendrites
- d) All of these

Q.8 Which of the following organ contains Nephron

- a) Pancreas
- b) Kidney
- c) Heart
- d) Brain

Q.9 The pituitary gland consist

- a) Anterior lobe
- b) Posterior lobe
- c) Intermediate lobe
- d) All of these

Q.10 Bowman capsule is located in

- a) Cortex
- b) Medulla
- c) Loop of Henle's
- d) None

SECTION-B

Note: Objective type questions. All questions are compulsory. $(10 \times 1 = 10)$

Q.11 What are Tidal Volume

Q.12 What are Excretion

Q.13 What are Artery.

Q.14 What are Hilum

Q.15 Define Neuron

Q.16 Full form of CSF

Q.17 What are synapse

Q.18 Tongue is sense of _____.

Q.19 RBC's contain _____ pigment

Q.20 What are Inspiratory Reserve Volume (IRV)

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. $(12 \times 5 = 60)$

Q.21 What are Respiration. Explain Diagram of Lung.

Q.22 What are ECG. Draw and explain the wave form of ECG

Q.23 Describe the function of kidney

Q.24 Write short note on

- a) Larynx
- b) Trachea

Q.25 Discuss the function of Lung.

Q.26 What are Excretion. Explain the structure of Nephron.

Q.27 What are Sense organs. Draw diagram of human skin.