

- Q.33 What are Cerebrospinal fluid. Explain function of cerebrospinal fluid.
- Q.34 What are Urine. Explain composition of urine.
- Q.35 Define Blood cells. Give an account of Red Blood cells.

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

Time : 3 Hrs.

M.M. : 100

SECTION-D

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

- Q.36 Define Circulatory system. Draw diagram of Human heart.
- Q.37 Write a short note on the following
1. Blood cells
 2. Physiology of Respiration.
- Q.38 What are Endocrine system. Explain thyroid gland & its Disorders in details.

SECTION-A

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

- Q.1 Kidney consist of
- a) Adrenal
 - b) Cortex
 - c) Both
 - d) None of these
- Q.2 The Respiratory system have following parts
- a) Larynx
 - b) Lungs
 - c) Trachea
 - d) All of these
- Q.3 Human heart is enclosed by membrane
- a) Two
 - b) Three
 - c) Four
 - d) Five
- Q.4 Insulin hormones are secrete by
- a) Beta cells
 - b) Alpha cells
 - c) Both
 - d) None
- Q.5 Pulmonary Vein carries
- a) Impure blood
 - b) Pure blood
 - c) Both
 - d) None of these

- Q.6 Oxygenated blood are present in region of heart
a) Left atrium b) Right atrium
c) Left ventricles d) Right Ventricles

- Q.7 The part of Nephron consist
a) Bowmans Capsule b) Glomerulus
c) Loop of henels d) All of these

- Q.8 Which of the following organ are excretory
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 AV node are present in
a) Right Artium b) Inter ventricle septum
c) Inter arterial septum d) None

SECTION-B

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

- Q.11 What are Neuron.
Q.12 What are sense organ.
Q.13 What are pulmonary artery.
Q.14 What are micturition.
Q.15 Define Nephron.
Q.16 Full form of ECG.

- Q.17 What are Retina.
Q.18 Ear os sense of _____.
Q.19 What are spinal cord.
Q.20 What are circulatory system.

SECTION-C

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

- Q.21 What are Excretion. Explain Diagram of Kidney.
Q.22 What are Blood pressure. Explain how it measurement.
Q.23 Describe the function of Lungs.
Q.24 Write a short Note on
1. Sensation of taste
2. Pharynx
Q.25 Draw a a Labelled diagram of Human Eye.
Q.26 What are Nephron. Explain the structure of Nephron.
Q.27 What are Respiratory system. Draw diagram & explain human Respiratory system.
Q.28 Difference between Arteries and Veins.
Q.29 Write a short note on Pituitary Gland.
Q.30 What are Cardiac cycle of Heart. Explain it.
Q.31 Write a note on Heart.
Q.32 Draw the diagram of human Ear.