

- Q.30 Write a short note on ECG.
 Q.31 Explain the structure of the heart.
 Q.32 Describe the function of Tongue.
 Q.33 What are Excretion. Explain composition of urine.
 Q.34 Explain the conducting system of human heart.
 Q.35 Describe the structure and function of lungs.

No. of Printed Pages : 4
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183242

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

Time : 3 Hrs. M.M. : 100

SECTION-A

Note: Multiple type Questions. All Questions are compulsory. (10x1=10)

- Note: Long answer questions. Attempt any two question out of three Questions. (2x10=20)**
- Q.36 What respiratory system. Explain different part of respiratory system.
 Q.37 Give a Details account of Blood pressure along with diagram.
 Q.38 Write a short note on :
 a) CSF
 b) Urinary Bladder

- Q.1 Name the organs that make up the excretory system in human
- a) Two Kidney b) Two ureters
 - c) Bladder & Urethra d) All of these
- Q.2 AV node are present in
- a) Right atrium b) Inter ventricle septum
 - c) Inter arterial septum d) None
- Q.3 The functional unit of kidney
- a) Hilum b) Neurons
 - c) Nephrons d) Medulla
- Q.4 Which of the following are parts of the human Respiratory system.
- a) Trachea b) Pharynx
 - c) Both A & B d) None of these

- Q.5 Which of the following cell responsible for our skin color
a) Melanocytes b) Keratinocytes
c) Markel cells d) Langerhans cells
- Q.6 Pulmonary Vein carries
a) Impure blood b) Pure blood
c) Both d) None of these
- Q.7 The Tiny air sac present in human Lungs are
a) Alveoli b) Bronchus
c) Bronchioles d) All of these
- Q.8 Which of the following papillae forms the V shaped rows
a) Fungiform papillae b) Vallate papillae
c) Foliate papillae d) Filiform papillae
- Q.9 Insulin hormones are secreting by
a) Beta cells b) Alpha cells
c) Both (a) and (b) d) None
- Q.10 The windpipe is also called the
a) Larynx b) Lungs
c) Trachea d) Pharynx

Section-B

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

- Q.11 What are tidal volume.

- Q.12 Name sense organ.
Q.13 Name of Lungs membrane.
Q.14 Pulmonary arteries.
Q.15 What are synapse.
Q.16 Define vein.
Q.17 Neuron consist of parts _____.
Q.18 What are circulatory system.
Q.19 What are pulmonary Vein.
Q.20 Thymus gland secretes hormone _____.

Section-C

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

- Q.21 What are Nervous system. Discuss the Central Nervous System.
Q.22 Draw diagram of human Tongue and Explain it.
Q.23 Write a short note on Physiology of Lungs.
Q.24 Discuss the Myopia Defects of Eyes in Details.
Q.25 Discuss the difference between arteries and vein.
Q.26 What are excretory system. Explain the various part of kidney.
Q.27 Explain Diagram of Nephrons in Details.
Q.28 Discuss the function of Kidney.
Q.29 Discuss a short note on
a) Urethra b) Pancreas gland