

SECTION-D

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

- Q.36 Explain digestive system in humans with diagram.
- Q.37 Explain cell structure with block diagram.
- Q.38 Explain different anatomical planes with diagram.

No. of Printed Pages : 4

183235/123235/033235

Roll No.

3rd Sem. Branch : Med Eltx.

**Sub.: Anatomy & Physiology-I /
Anatomy & Physiology**

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

- Q.1 The basic unit of excretory system is
a) Neuron b) Tissue
c) Nephron d) None of the above
- Q.2 Heartbeat originates from
a) Aorta b) AV Node
c) SANode d) All of the above
- Q.3 _____ is used for measurement of electrical activity of brain
a) ECG b) EEG
c) EMG d) None of the above
- Q.4 Which of the following joint is immovable
a) Fibrous b) Synovial
c) Ball and socket d) All of these
- Q.5 Inter costal muscles are attached with
a) Ribs b) Diaphragm
c) Abdomen d) None of the above

- Q.6 The balancing organ of ear is
 a) Vestibular apparatus b) Organ of corti
 c) Cochlea d) Stapes
- Q.7 Tidal Volume concern with
 a) X-Ray Machine b) ECG
 c) Ventilator d) Pulse oximeter
- Q.8 How many electrodes placed in 10/20 electrode placement system
 a) 19 b) 20
 c) 21 d) 10
- Q.9 Which of the following part of hindbrain
 a) Cerebellum b) Corpus callosum
 c) Spinal cord d) None of these
- Q.10 Which of the following part of brain controls temperature and hunger
 a) Hypothalamus b) Thalamus
 c) Cerebrum d) Cerebellum

SECTION-B

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

- Q.11 AV Node.
 Q.12 Blood Pressure.
 Q.13 Bundle of HIS.
 Q.14 Fibrillation
 Q.15 Expand ECG.

- Q.16 CSG.
 Q.17 Draw normal waveform pattern of ECG.
 Q.18 Blood composition.
 Q.19 Pancreas.
 Q.20 Gall Bladder.

SECTION-C

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

- Q.21 Explain stomach structure with diagram.
 Q.22 Explain bone classification.
 Q.23 Write a note structure of skin.
 Q.24 Write a note on CSF.
 Q.25 Explain Systematic circulation.
 Q.26 Explain regulation of body temperature.
 Q.27 Write a note on Bone formation and growth.
 Q.28 Explain Blood Group system.
 Q.29 Explain Blood circulation in Heart.
 Q.30 Write a note an tissue and its classifications.
 Q.31 Write a short note on Vitamins & Minerals.
 Q.32 Explain Long bone structure with diagram.
 Q.33 Explain the role of Biomedical engineer in healthcare industry.
 Q.34 Explain different small bones present in humanbody.
 Q.35 Explain Anatomy & Physiology.