

SECTION-D

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

Q.36 Explain different types of bones with diagram.

Q.37 Explain the importance of vitamin and minerals for body in details.

Q.38 Explain skin structure and functions.

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Roll No.

3rd Sem / Medical Electronics

**Subject:- Anatomy & Physiology - I /
Anatomy & Physiology**

Time : 3Hrs.

M.M. : 100

SECTION-A

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

Q.1 Natural pacemaker of heart is:

- a) Aorta
- b) AV Node
- c) SA Node
- d) Vein

Q.2 SA Node is located in the

- a) Right Atrium
- b) Left Atrium
- c) Right Ventricle
- d) Left Ventricle

Q.3 Coagulation occurs due to

- a) RBC
- b) WBC
- c) Platelets
- d) All of above

Q.4 Bile juice is secreted by

- a) Heart
- b) Liver
- c) Large Intestine
- d) None of the above

Q.5 Outer covering of teeth is called

- a) Bone
- b) Enamel
- c) Dentin
- d) None of the above

Q.6 Longest bone of human body is

- a) Humerus
- b) Clavicle
- c) Scapula
- d) Tibia

- Q.7 Bile is stored in
a) Large intestine b) Stomach
c) Liver d) Gall bladder
- Q.8 The basic structural unit of excretory system is
a) Cell b) Tissue
c) Neuron d) Nephron
- Q.9 Rickets is caused due to deficiency of vitamin
a) A b) B
c) C d) D
- Q.10 Heart has _____ main chambers.
a) 7 b) 4
c) 5 d) 10

SECTION-B

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

- Q.11 Define physiology
- Q.12 Define Tissue
- Q.13 Vein
- Q.14 Expand CSF
- Q.15 Neuron
- Q.16 Largest gland of body
- Q.17 Expand EEG
- Q.18 Define PH
- Q.19 Thoracic cavity
- Q.20 Excretion

SECTION-C

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

- Q.21 Explain the movement of gastrointestinal tract during digestion
- Q.22 Explain various primary digestive organs in details.
- Q.23 Explain ball and socket joint with diagram.
- Q.24 Explain Neuromuscular junction.
- Q.25 Explain the composition & functions of blood.
- Q.26 Write a note muscle contraction.
- Q.27 Explain the importance of Hemoglobin.
- Q.28 Explain muscle structure and its classification.
- Q.29 Write a note on Blood Group system.
- Q.30 Explain structure of a cell with diagram.
- Q.31 Write a note on anatomical planes and positions
- Q.32 Explain different blood cells & their functions.
- Q.33 Explain accessory organs of digestive system.
- Q.34 Write a note on axial Skelton.
- Q.35 Explain joints and its classification.