

No. of Printed Pages : 4
Roll No.

223231

3rd Sem. / Medical Electronics
Sub : Human Anatomy & Physiology

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice Questions. All Questions are compulsory. (6x1=6)

- Q.1 Which is called power house of cell
a) Mitochondria b) Nucleus
c) Golgi apparatus d) None of these
- Q.2 Which of following contain taste buds
a) Tongue b) Saliva
c) Amylase d) None of these
- Q.3 The structural unit of Brain is _____.
a) Tissue b) Nephron
c) Synapse d) Neuron
- Q.4 Which of following secrete Bile
a) Liver b) Spleen
c) Salivary gland d) None of these

- Q.5 The largest bone of human body is
a) Stapes b) Tibia
c) Femur d) Humerus
- Q.6 Scurvy is caused due to
a) Vitamin-A b) Vitamin-B
c) Vitamin-C d) Potassium
- Section-B**
- Note:** Objective/Completion type questions. All questions are compulsory. $(6 \times 1 = 6)$
- Q.15 Explain conduction system of heart.
Q.16 Explain structure of a tooth with diagram.
Q.17 Write a note on functions of cerebellum?
Q.18 Explain structure of Nephron unit.
Q.19 Explain mechanics of breathing.
Q.20 Write a note ABO Blood Group System.
Q.21 Explain anatomy & physiology of lungs with diagram.
Q.22 Explain Muscular Tissue & its classifications?

- Q.7 Natural Pacemaker.
Q.8 Blood vessels.
Q.9 Bundle of HIS.
Q.10 Nephron.
Q.11 Spleen.
Q.12 Bronchi.

Section-C

Note: Short answer type Questions. Attempt any eight questions out of ten Questions. $(8 \times 4 = 32)$

- Q.13 List various digestive organs with their importance.
Q.14 Explain anatomy of Heart with diagram.

Section-D

- Note:** Long answer questions. Attempt any two questions out of three Questions. $(2 \times 8 = 16)$
- Q.23 Explain different types of joints of human body with diagram.
Q.24 Explain blood circulation through heart with diagram.
Q.25 Explain respiratory system of human body with diagram.