

Q.33 Explain Synovial joint with diagram.

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Roll No.

Q.34 Write a note on physiology of muscular contraction.

3rd Sem / Branch : Medical Electronics

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

Q.35 Explain muscles and its classifications.

Time : 3Hrs.

M.M. : 100

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

Q.36 Explain digestive system with diagram.

Q.37 Explain classification of joints with diagram.

Q.38 Explain skin structure and functions.

SECTION-A

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

Q.1 The weight of human body is mainly made up of

- a) Bones
- b) Skin
- c) Body parts
- d) Water

Q.2 How many bones are found in human body

- a) 208
- b) 308
- c) 108
- d) 206

Q.3 Smallest bone in human body is.

- a) Incus
- b) Malleus
- c) Vomer
- d) Stapes

Q.4 Collar bone is named as.

- a) Patella
- b) Clavicle
- c) Scapula
- d) None of the above

Q.5 The strongest part of human body is.

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

Q.6 How many pair of ribs present in body.

- a) 11
- b) 12
- c) 13
- d) 14

- Q.7 _____ is called knee cap.
a) Fibula b) Tibia
c) Patella d) None of these
- Q.8 The basic structural unit of nervous system is.
a) Cell b) Tissue
c) Neuron d) Nephron
- Q.9 _____ study of body functions.
a) Anatomy b) Physiology
c) Histology d) Embryology
- Q.10 Normal PH of blood is.
a) 7 b) 8
c) 7.4 d) 10

SECTION-B

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

- Q.11 Define Anatomy.
- Q.12 Define Joint.
- Q.13 Plasma.
- Q.14 Coagulation.
- Q.15 Artery.
- Q.16 Muscle.
- Q.17 Expand ECG.
- Q.18 Define PH
- Q.19 Oral Cavity.
- Q.20 Digestion.

SECTION-C

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

- Q.21 Explain different terms related to anatomy and physiology of body.
- Q.22 Explain anatomical planes in brief.
- Q.23 Explain cell structure with diagram.
- Q.24 Explain tissue and its classifications.
- Q.25 Explain the composition of blood.
- Q.26 Write a note on functions of blood.
- Q.27 Explain the importance of Hemoglobin.
- Q.28 Explain bone structure and its classification.
- Q.29 Write a note on vertebral column.
- Q.30 Explain accessory organs of digestive system.
- Q.31 Write a note on importance of vitamins & minerals.
- Q.32 Explain movement of gastrointestinal tract during digestion.