

- Q.30 Give a brief account of Upper limbs bone along with a suitable diagram.
- Q.31 Explain different types of Movement at joint of human body.
- Q.32 Write a Short note on.  
1) Voluntary muscles 2) Involuntary muscles
- Q.33 What are joint. Explain Hinge Joints of Human body
- Q.34 Write a short Note on Cell
- Q.35 Draw and label Microscopic structure of bone .

#### SECTION-D

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

- Q.36 What are Digestive system. Explain the Different part of digestive system.
- Q.37 Define the term Connective tissue. Discuss the Various type of Connective tissue.
- Q.38 What is Skeleton system. Explain the Lower limbs bone of human body with Diagram.

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#### 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 Cytology is the study of  
a) Organ b) Tissue  
c) Organ system d) Cells
- Q.2 Which cells are Longest in human body  
a) Muscles cells b) Nerve cells  
c) Bones cells d) None of above
- Q.3 Muscles are joined to the bones by  
a) Ligament b) Membrane  
c) Areolar tissue d) All of these
- Q.4 Fat storing tissue in our body is called  
a) Muscles b) adipose tissue  
c) Cartilage d) Areolar tissue
- Q.5 The study of Heamatology is known as  
a) Physiology b) Blood

- c) Nephrology                      d) Anatomy
- Q.6 Cardiac muscles are present in
- a) Kidney                              b) Heart
- c) Spleen                              d) None of these

Q.7 Axial skeleton consist number of bones

- a) 70                                      b) 80
- c) 90                                      d) 60

Q.8 The Ribosomes are sites for

- a) Protein synthesis      b) Photosynthesis
- c) Fat synthesis              d) All of these

Q.9 The outer covering layer of Bone is called

- a) Periosteum                      b) Peritoneal
- c) Sarcolemma                      d) All of these

Q.10 How many bones are present in middle Ear part of human body

- a) 6    b) 7
- c) 8    d) 9

### SECTION-B

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

Q.11 Define Anatomy

Q.12 Ball and socket joint is type of \_\_\_\_\_

Q.13 Define Skeleton system

Q.14 Define Epidermis

Q.15 Define Ossification

Q.16 Define Digestion

Q.17 Hinge joint is a type of \_\_\_\_\_

Q.18 Mouth saliva contain enzyme \_\_\_\_\_

Q.19 Stomach lie between \_\_\_\_\_ and \_\_\_\_\_

Q.20 Define Pharynx

### SECTION-C

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

Q.21 Write the functions of skin.

Q.22 Explain Mitosis cell division of body.

Q.23 What is tissue. Explain Epithelial tissue.

Q.24 What is Blood. Explain blood Red blood cells

Q.25 What are Cell. Draw Diagram of cells.

Q.26 Give a brief note on Nucleus of cells.

Q.27 Explain the Role of stomach in Digestion.

Q.28 Explain different parts of Large Intestine with diagram of digestive system.

Q.29 Draw diagram of a skin. Explain it.