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Roll No. ....

221913

**1st Year /DMLT, DMLT  
(For Speech and Hearing Impaired)  
Subject:- Anatomy and Physiology I**

Time : 3Hrs.

M.M. : 60

**SECTION-A**

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

Q.1 Total number of bones in human skeletal system is

- a) 106                                      b) 206
- c) 256                                      d) 302

Q.2 Study of function of various organs of the body is called

- a) Physiology                              b) Anatomy
- c) Cytology                                d) Histology

Q.3 Cardiac muscles are found only in walls of

- a) Kidneys                                b) Liver
- c) Lungs                                    d) Heart

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Q.4 The blood pressure of a normal adult is around

- a) 120/80 mm Hg                      b) 140/90 mm Hg
- c) 180/120 mm Hg                    d) 120/60 mm Hg

Q.5 Full form of RBC is

- a) Round blood cells                  b) Rough blood cells
- c) Red blood cells                      d) Red blast cells

Q.6 The elbow joint is

- a) Immovable joint
- b) Freely movable joint
- c) Slightly immovable joint
- d) Cartilagenous joint

**SECTION-B**

**Note:** Objective/Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Two or more types of tissues work together to form a \_\_\_\_\_.

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- Q.8 The point at which two bones or bone and cartilage are connected is called \_\_\_\_\_.
- Q.9 Skeletal muscles are present in \_\_\_\_\_.
- Q.10 How many chambers are there in a human heart?
- Q.11 \_\_\_\_\_ is known as voice box.
- Q.12 Knee cap is known as \_\_\_\_\_.

### SECTION-C

**Note:** Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Name four main organs of respiratory system.
- Q.14 Draw a neat and well labelled diagram of a nerve cell.
- Q.15 Write short note on Cardiac muscles.
- Q.16 Define tissues. Name any two types of tissues.
- Q.17 Give the classification of the external parts of human body.
- Q.18 What are the functions of epithelial tissue?

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- Q.19 Write short note on cardiac cycle.
- Q.20 Enlist three important bones of lower limb of human beings.
- Q.21 Write any four functions of skeletal system.
- Q.22 Give any four factors to control blood pressure.

### SECTION-D

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 i) Write any four differences between arteries and veins.
- ii) Differentiate between voluntary and involuntary muscles.
- Q.24 Enlist various synovial joints. Briefly explain any two of them.
- Q.25 i) Explain the mechanism of exchange of gases in lungs.
- ii) Name any four levels of organisation of human beings.

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