

No. of Printed Pages : 4
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

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 _____.

(1)

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(2)

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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. $(8 \times 4 = 32)$

- 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?

- 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. $(2 \times 8 = 16)$

- 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.