

1st Semester/ DMLT, DMLT (For Speech & Hearing Impaired)
Subject : Anatomy & Physiology 1

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

- Q.1 Normal value of vital capacity is about
a) 1.5-2.0 litres b) 2-2.8 litres
c) 3-3.8 litres d) 4-4.8 litres
- Q.2 The amount of blood output per ventricle per beat (60-70ml) is called
a) Cardiac output b) Cardiac index
c) Stroke volume d) Tidal Volume
- Q.3 Largest and longest bone of human skeleton is
a) Femur b) Tibia
c) Fibula d) Tarsal
- Q.4 How many types of muscles are present in human body
a) 1 b) 2
c) 3 d) 4

Q.5 The bone lies at the base of skull are named as

- a) Ethmoid b) Occipital
- c) Sphenoid d) Temporal

Q.6 Exchange of gases takes place in

- a) Bronchi b) Trachea
- c) Alveoli d) Nose

SECTION-B

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

Q.7 Why lysosomes are termed as suicidal bags?

Q.9 Define the term Myology.

Q.9 Tell the number of bones forming cranium

Q.10 Name the instrument used for determination of BMR.

Q.11 What is Muscular system.

Q.12 Define Respiration.

SECTION-C

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

Q.13 Tell the name of organs of upper and lower respiratory tract in a labelled diagram?

Q.14 Draw the labelled diagram of neuron.

Q.15 How cardiac cycle does operates in heart.

Q.16 Define the terms (a) Blood Pressure (b) ECG.

Q.17 Differentiate between axial and appendicular skeleton.

Q.18 Summarize the different segments of lungs.

Q.19 Tell about the bones from which the pelvic girdle is made up of?

Q.20 Show the different chambers of in labeled diagram of human heart.

Q.21 Discuss the bones forming elbow joint.

Q.22 List the different methods for recording the blood pressure.

SECTION-D

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

Q.23 Classify the different types of tissues. Explain muscular tissue in detail. Illustrate the answer with the help of appropriate structures.

Q.24 Describe briefly (a) Pulmonary circulation b) Synovial Joints

Q.25 Define respiration. Discuss its mechanism, regulation and also list the factors affecting respiration rate.