

Day : Monday

Time : 10:00 AM-01:00 PM

Date : 14-11-2022

W-22421-2022

Max. Marks : 75

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer books.

SECTION – I

- Q.1** Write short answers on **ANY FIVE** of the following: [10]
- a) Characteristics of Tissues.
 - b) List down types of Bones.
 - c) List down the Nasal cavity bones.
 - d) Human cell structure.
 - e) Location of Liver.
 - f) List down the Lymphoid organs.
 - g) Structure of Thyroid gland.
- Q.2** Write short answers on **ANY FOUR** of the following: [16]
- a) Cranial nerves
 - b) List down the structure of female reproductive system. Explain detail about ovary.
 - c) Urinary Bladder.
 - d) Tongue
 - e) Muscles of mastication
 - f) Stomach
- Q.3** Write the long answer on **ANY ONE** of the following: [12]
- a) Describe structure of Heart, explain blood supply of heart, write applied anatomy of heart.
 - b) Describe shoulder joint, write down ligaments of shoulder joint and explain applied anatomy of shoulder joint.

SECTION – II

- Q.4** Write short answers on **ANY FIVE** of the following: [10]
- a) Types of muscles.
 - b) Name the parts of Respiratory Tract.
 - c) Functions of paranasal sinuses.
 - d) Functions of skin.
 - e) Pulse.
 - f) Name the hormones secreted by Placenta.
 - g) Functions of Saliva.
- Q.5** Write short answers on **ANY FOUR** of the following: [16]
- a) Types of muscle contractions.
 - b) Types of Neuroglia and their functions.
 - c) Types of immune response.
 - d) Meiosis.
 - e) Physiology of micturition.
 - f) Blood pressure regulation.
- Q.6** Write short answer of the following:
- a) Mechanism of respiration. [05]
 - b) Physiology of respiration [06]

OR

- a) Composition of Urine. [05]
- b) Mechanism of Urine formation. [06]