

Paper Code:- 20AN0000102001

Time: 3 Hours

Subject:- Anatomy & Physiology

Maximum Marks: 75

- Both parts (Part-A and Part-B) are compulsory.
- Answer parts A & B in separate answer scripts.
- All questions are compulsory
- Draw diagrams wherever necessary
- Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued
- Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.
- Student can answer the question in both Hindi and English Language.

Section - A (Anatomy)

Mark: 37

- Q.1** Describe structure of followings. (5)
- Kidney
  - Scapula
- Q.2** Draw labeled diagram (Any Two) (2X5=10)
- Stomach
  - Eye
  - Heart
- Q.3** Enumerate (Any Two) (2X4=8)
- Branches of facial Nerve
  - Endocrine Glands
  - Lungs
- Q.4** Write short note of following: (Any three) (3X3=9)
- Liver
  - Cell
  - Spinal cord
  - Tongue

Section B – Physiology (38 Marks)

- Q.1** Match the followings: (5)
- | Column A           | Column B          |
|--------------------|-------------------|
| a. CSF             | Foramen Ovale     |
| b. Pituitary gland | Connective tissue |
| c. Occipital bone  | Choroid plexus    |
| d. Heart           | Foramen magnum    |
| e. Blood           | ADH               |
- Q.2** Write two functions of the following (2X5 = 10)
- Bone
  - Pancreas
  - Ovary
  - Blood
  - Heart
- Q.3** Differentiate between following: (4)
- Sympathetic nerve and Para sympathetic nerve
  - Artery and Vein
- Q.4** a. Explain the physiology of Urinary system (5)
- b. Function and secretion of Gastric juice (5)
- Q.5** a. Explain the cardiac cycle (5)