

Roll No.

Total No. of Pages : 02

Total No. of Questions : 11

Bachelor of Optometry (Sem.-1)

BASICS OF ANATOMY-I

Subject Code : BOPT 101-21

M.Code : 91438

Date of Examination : 14-01-23

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A** is **COMPULSORY** consisting of **EIGHT** questions carrying **TWO** marks each.
2. **SECTION-B** contains **EIGHT** questions carrying **FOUR** marks each and students have to attempt any **SIX** questions.
3. **SECTION-C** will comprise of two compulsory questions with internal choice in both these questions. Each question carries **TEN** marks.

SECTION-A

- 1. Write about following :**

- a) Rods and cons
- b) Diencephalon
- c) Fibrous joint
- d) Intervertebral disc
- e) Function of great saphenous vein.
- f) Anastomoses
- g) Blind spot
- h) Neuroglial cells

SECTION-B

2. Discuss about body positions and planes.
3. Write a note on cranial nerves.

4. What do you mean by double circulation?
5. Write about the muscles of neck and trunk.
6. Discuss the role of neurotransmitters in transmission of nerve impulse.
7. Explain the structure of bone with a well labeled diagram. Discuss its types.
8. Write about following:
 - i) Portal circulation
 - ii) Ciliary body
9. Add a note on synovial joints.

SECTION-C

10. With a neat diagram explain the Anatomy of Brain. Add a note on CSF.

OR

Draw and label the typical structure of human eye.

11. Explain the flow of blood through heart with a well labelled diagram. Write a note on blood vessels.

OR

Define musculoskeletal system. Explain the bones of axial skeleton & write their function.

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.