

First Year B.Sc Optometry Degree Regular/Supplementary Examinations
August 2021
Paper I - Anatomy
(2016 Scheme)

Time: 3 hrs

Max marks: 80

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw table/diagrams/flow charts wherever necessary
- Write section A and section B in separate answer books. Do not mix up questions from section A and section B.

Q P Code: 121013**Section A – General Anatomy****Marks: 40****Essay:****(10)**

1. Describe the different chambers of heart in detail.

Short notes:**(3x5=15)**

2. Pituitary gland
3. Cartilage
4. Functional areas of cerebrum

Answer briefly:**(5x2=10)**

5. Microscopic structure of large artery
6. Stratified squamous epithelium
7. Different types of connective tissue fibers
8. Trachea
9. Cartilaginous joints

Fill in the blanks:**(5x1=5)**

10. Supporting cells of CNS are called
11. Right subclavian artery is a branch of
12. The bone of the lower jaw is
13. Thick skin is seen in
14. Myelination of peripheral nerve is.....

Q P Code: 122013**Section B – Ocular Anatomy****Marks: 40****Essay:****(10)**

1. Describe the orbital cavity in detail

Short notes:**(3x5=15)**

2. Uveal tract
3. Orbicularis oculi
4. Trigeminal nerve

Answer briefly:**(5x2=10)**

5. Vitreous humor
6. Cones
7. Movements of eyeball
8. Optic tract
9. Effects of injury to facial nerve

Fill in the blanks:**(5x1=5)**

10. Bones forming medial wall of orbit are.....
11. Secretomotor innervation of Lacrimal gland is by
12. The cornea is supplied by nerves
13. Venae vorticosae are seen in
14. The attachments of recti muscles are to the equator