

**First Year B. Sc Optometry Degree Regular/Supplementary Examinations
December 2023
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. Name the parts of gastrointestinal tract. Describe the stomach in detail.

Short notes:

(3x5=15)

2. Classify exocrine glands giving examples
3. Name the chambers of heart. Describe right atrium
4. Describe the different types of muscle tissue

Answer briefly:

(5x2=10)

5. Pituitary gland
6. Haversian system
7. Hilum of lung
8. Lobes of cerebrum
9. Structure of thymus

Fill in the blanks:

(5x1=5)

10. Epithelium lining blood vessel is -----
11. Artery supplying diaphysis of long bone is called -----
12. The pulmonary veins open into -----
13. Outer layer of skin is called -----
14. The part of bone articulating with the head of Humerus is -----

Q P Code: 122013

Section B – Ocular Anatomy

Marks: 40

Essay:

(10)

1. Describe the extra ocular muscles in detail

Short notes:

(3x5=15)

2. Layers of retina
3. Uvea
4. Facial nerve

Answer briefly:

(5x2=10)

5. Layers of tearfilm
6. Anterior chamber
7. Optic tract
8. Lacrimal gland
9. Anatomy of cornea

Fill in the blanks:

(5x1=5)

10. Long ciliary nerves arise from -----nerve
11. Corneal epithelium is -----
12. Aqueous humor is secreted by -----
13. Nucleus of Abducent nerve is situated in -----
14. Frontal nerve is a branch of -----
