

First Year B. Sc Optometry Degree Supplementary Examinations May 2022
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. Enumerate the parts of alimentary system, describe stomach in detail

(2+8)

Short notes:

(3x5=15)

2. cerebellum
3. synovial joint
4. glandular epithelium

Answer briefly:

(5x2=10)

5. Microscopic anatomy of spleen
6. Adrenal gland
7. Left ventricle
8. Skeletal muscle
9. Trachea

Fill in the blanks:

(5x1=5)

10. Left anterior interventricular artery is a branch of
11. Superficial layer of transitional epithelium is formed by cells.
12. Perichondrium is absent in type of cartilage.
13. The cells which secrete connective tissue fibers is
14. Lung tissue aerated by a single segmented bronchus is termed

Q P Code: 122013

Section B – Ocular Anatomy

Marks: 40

Essay:

(10)

1. Describe retina under the following headings

(a) Parts	(b) Layers	(c) Cells in each layer and their functions
(d) Blood supply	(e) Development	

Short notes:

(3x5=15)

2. Eyelid
3. Facial nerve
4. Recti muscles of orbit

Answer briefly:

(5x2=10)

5. Aqueous humour
6. Trochlear nerve
7. Nasolacrimal duct
8. Pupillary reflex
9. Optic chiasma

Fill in the blanks:

(5x1=5)

10. Superior ophthalmic vein drains into
11. Type of connective tissue in vitreous humour is.....
12. Germ layer from which the muscles of eyeball develops is
13. Type of epithelium seen in cornea is
14. Lacrimal nerve is a branch of
