

First Year B. Sc Optometry Degree Supplementary Examinations May 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. Classify joints giving examples. Describe synovial joints

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

2. Describe structure and function of lymph node
 3. Name parts of lung. Describe right lung
 4. Describe compound epithelium

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

5. Endocrine part of pancreas
 6. Cardiac muscle
 7. Brain stem
 8. Hyaline cartilage
 9. Structure of large vein

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

10. Epithelium lining trachea is -----
 11. Type of neuron in autonomic ganglion is -----
 12. The outermost layer of meninges is -----
 13. Inner layer of skin is called -----
 14. Most abundant cell of connective tissue is -----

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

1. Name the layers of eyeball. Describe the middle layer in detail

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

2. Refractive media of eyeball
 3. Oculomotor nerve
 4. Anatomy of eyelid

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

5. Iris
 6. Sclerocorneal junction
 7. Optic chiasma
 8. Lacrimal sac
 9. Photoreceptors in retina

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

10. Lens vesicle is formed by invagination of -----
 11. Largest part of lacrimal gland is called -----
 12. The bone forming major part of orbital floor is -----
 13. The part of brain where oculomotor nucleus is located is -----
 14. Ophthalmic artery is a branch of -----
