

**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 -----

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**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 -----

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