

First Year B.Sc Optometry Degree Regular/Supplementary Examinations
October 2019
Paper I - Anatomy
(2016 Scheme)

Time: 3 hrs

Max marks: 80

- Answer all questions
- Draw diagrams 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 endocrine glands. Describe the thyroid gland in detail.

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

2. Cerebellum
3. Tonsil
4. Structure of cardiac muscle

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

5. Branches of arch of aorta
6. Different types of synovial joints
7. Diagram of transitional epithelium
8. Bones forming thoracic cage
9. Salivary glands

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

10. An example of elastic cartilage is
11. The arteries supplying heart are
12. is an example of smooth muscle.
13. Coverings of brain are known as
14. Example of bipolar neuron is.....

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

1. Describe the coats of eyeball in detail

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

2. Oculomotor Nerve
3. Development of eyeball
4. Abducent nerve

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

5. Suspensory ligament of lens
6. Structure of Optic Nerve
7. Central artery of retina and its applied importance
8. Aqueous chamber
9. Oblique muscles of eyeball

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

10. Muscle supplied by trochlear nerve is.....
11. Ptosis is produced by injury to muscle
12. The crossing of the optic nerves in two sides called
13. Depression of eyeball in the adducted position is produced by
14. Ophthalmic nerve is the branch of.....