

Reg. No.:

First Year B.Sc Optometry Degree Supplementary Examinations
October 2019
General Anatomy & Ocular Anatomy
(2014 Scheme)

Time: 3 hrs

Max marks: 80

- Answer all questions
- Write section A and section B in separate answer books(32 Pages).
Do not mix up questions from section A and section B.

Q P Code: 111013 Section A – General Anatomy

Marks: 40

Essay:

(10)

1. Classify epithelium. Describe transitional epithelium in detail.

(6+4)

Short notes:

(3x5=15)

2. Describe synovial joint.
3. Microscopic structure of medium sized artery.
4. Describe the microscopy of bone.

Answer briefly:

(5x2=10)

5. Deltoid muscle
6. Mention on three types of cartilage.
7. Microscopy of tonsil
8. Microscopy of smooth muscle
9. Name four types of connective tissue.

Fill in the blanks:

(5x1=5)

10. Type of neuron in spinal ganglia is-----.
11. Tunica media of large artery contains -----tissue.
12. Volkmann's canal is seen in -----.
13. Trachea is lined by----- epithelium.
14. Hassall's corpuscles are seen in-----

Q P Code: 112013 Section B – Ocular Anatomy

Marks: 40

Essay:

(10)

1. Describe extraocular muscles on origin, insertion, action and nerve supply.

(2+2+4+2)

Short notes:

(3x5=15)

2. Structure of sclera
3. Describe structure of ciliary body.
4. Ophthalmic artery and its branches.

Answer briefly:

(5x2=10)

5. Optic chiasma.
6. Orbicularis oculi.
7. Ciliary ganglia.
8. Parts of lacrimal apparatus.
9. Superior orbital fissure

Fill in the blanks:

(5x1=5)

10. Lateral rectus is supplied by -----nerve.
11. Central artery of retina is a branch of -----.
12. Optic canal transmits -----artery.
13. Retina comprises of -----layers.
14. Cones are concerned with -----vision
