

Reg. No.:

First Year B.Sc Optometry Degree Supplementary Examinations April 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 joints based on structure with examples. Describe synovial joint in detail. **(6+4)**

Short notes:

(3x5=15)

2. Describe the white fibro cartilage.
3. Microscopic structure of thymus.
4. Describe a structure of a multipolar neuron

Answer briefly:

(5x2=10)

5. Give two microscopic differences between large artery and large vein.
6. Name any four connective tissue cells.
7. Draw a neat labeled diagram of microscopy of skeletal muscle (longitudinal structure).
8. Describe pseudo stratified epithelium.
9. Haversian system of the bone

Fill in the blanks:

(5x1=5)

10. Myelin sheath in peripheral nervous system is formed by
11. Tonsil is lined by epithelium.
12. Sebaceous gland is an example for type of gland.
13. Collection of neuronal cell bodies in the central nervous system is called
14. Epiglottis is an example for cartilage

Q P Code: 112013 Section B – Ocular Anatomy

Marks: 40

Essay:

(10)

1. Describe the visual pathway in detail with applied aspects

Short notes:

(3x5=15)

2. Describe the structure of cornea.
3. Describe the lacrimal apparatus.
4. Describe the structure of ciliary body

Answer briefly:

(5x2=10)

5. Optic disc.
6. Give the attachments of lateral rectus muscle.
7. Draw a neat labeled diagram of a rod.
8. Nasociliary nerve.
9. Ptosis

Fill in the blanks:

(5x1=5)

10. Superior oblique muscle is supplied by
11. Ophthalmic artery is a branch of
12. retains the lens in position.
13. Outer surface of the sclera is covered by capsule.
14. Lens develops from
