

Reg. No.:

First Year B. Sc Optometry Degree Regular/Supplementary Examinations
January 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 epithelium with suitable examples. Describe compound epithelium.

(4+6)

Short notes:

(3x5=15)

2. Right Coronary artery
3. Sulci gyri and functional areas of superolateral surface of cerebrum
4. Thyroid gland

Answer briefly:

(5x2=10)

5. Microscopic anatomy of thymus
6. Stomach bed
7. Hyaline cartilage
8. Connective tissue fibres
9. Pleural recesses

Fill in the blanks:

(5x1=5)

10. Lower part of floor of fourth ventricle is formed by posterior surface of
11. Example for a holocrine gland is
12. Type of epithelium seen in trachea is
13. Cranial sutures are examples for type of joints.
14. Myelination of peripheral nerves is done by

Q P Code: 122013

Section B – Ocular Anatomy

Marks: 40

Essay:

(10)

1. Describe cornea under the following headings

(a) Microscopic anatomy (b) Functions (c) Blood supply & Nerve supply (d) development (5+1+2+2) **(3x5=15)**

Short notes:

2. Oblique muscles of orbit
3. Oculomotor nerve
4. Lacrimal apparatus

Answer briefly:

(5x2=10)

5. Superior orbital fissure
6. Ciliary body
7. Central artery of retina
8. Sclerocorneal junction
9. Muscles of eyelid

Fill in the blanks:

(5x1=5)

10. Preganglionic fibres which synapse in ciliary ganglion arises from..... Nucleus.
11. Lateral rectus muscle is supplied by nerve.
12. Supratrochlear nerve is a branch of nerve.
13. Afferent limb of pupillary reflex is formed by nerve.
14. Visual area is seen in relation to sulcus of brain.
