

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:

1. Classify epithelium with suitable examples. Describe compound epithelium.

(10)

(4+6)

Short notes:

2. Right Coronary artery

(3x5=15)

3. Sulci gyri and functional areas of superolateral surface of cerebrum

4. Thyroid gland

Answer briefly:

5. Microscopic anatomy of thymus

(5x2=10)

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.
