

Reg. No.:

First Year B.Sc Optometry Degree Examinations October 2018

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. Describe the blood supply of heart

(3x5=15)

2. Elastic cartilage
3. Cardiac muscle
4. Transitional epithelium

Answer briefly:

(5x2=10)

5. Blood supply of long bone
6. Lymph node
7. Arterial anastomosis
8. Name the two components of autonomic nervous system
9. Name the structures present at the root of right lung

Fill in the blanks:

(5x1=5)

10. The last part of small intestine is _____
11. The gland with both exocrine and endocrine function is _____
12. The layer of epidermis of skin lying over the basement membrane is _____
13. Larynx continues as _____
14. The part of brainstem which continues as spinal cord is _____

Q P Code: 122013

Section B – Ocular Anatomy

Marks: 40

Essay:

(10)

1. Name the coats of the eyeball. Describe the cornea.

(3x5=15)

2. Structure of lens
3. Ophthalmic artery
4. Levator palpebrae superioris

Answer briefly:

(5x2=10)

5. Corneo-scleral junction
6. Abducent nerve
7. Innervation of muscles of the iris
8. Draw the structure of retina
9. Primary visual area

Fill in the blanks:

(5x1=5)

10. Ophthalmic artery is a branch of _____
11. Postganglionic fibres from ciliary ganglion pass through _____
12. Superior tarsal muscle is innervated by _____
13. Bitemporal hemianopia is caused by lesion of _____
14. Tears drain into the nasal cavity through _____
