

First Professional MBBS Degree Examinations - August 2016

ANATOMY- PAPER II

Time: 3 Hours

Total Marks: 50

- Answer all questions
- Draw diagrams wherever necessary

Long Essay (10)

1. A patient had a swelling below the lower jaw on the right side. The swelling increased in size during eating. The surgeon did a bi digital examination of the swelling. Based on your knowledge in anatomy, answer the following questions:

- Which salivary gland is palpated in this case and what is the cause of the swelling in this patient.
- Name the parts of this gland and the muscle that separates these parts.
- Mention the relations of this gland.
- What is the length of its duct and where does it open.
- Draw a diagram to show the secretomotor innervation of this gland.
- Narrate the microscopic structure of the gland involved (2+1+2+1+2+2=10)

Short Essay: (3x5=15)

2. Right kidney- external features including its vertebral extent, coverings, relations and development
3. Basal nuclei
4. Development and congenital anomalies of face

Short notes: (5x3=15)

5. Hyoglossus muscle
6. Lateral wall of nasal cavity
7. Boundaries of rectus sheath
8. Microscopic structure of thyroid gland
9. Superior mesenteric artery

Short answers (3x2=6)

10. Structures related to the antero-medial surface of the parotid gland
11. Trigone of urinary bladder
12. Medial lemniscus

Draw diagram: (2x2=4)

13. Median section through female pelvis
14. Blood supply of cerebrum – inferior surface