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First Professional MBBS Degree Supplementary Examinations - February 2016

ANATOMY- PAPER II

Time: 3 Hours **Total Marks: 50**

- Answer all questions
- Draw diagrams wherever necessary

Long Essay **(10)**

1. A 58 years – old man presented with a rapidly growing swelling of the parotid gland. On examination, there was an inability to close the left eye and to blow the cheek. The angle of mouth was deviated to the right side. Based on your anatomical knowledge, answer the following questions.
   - Briefly mention the external features and secretomotor innervations of the parotid gland.
   - Name the structures lying within the gland and which of these is injured in this case.
   - What is the reason for the inability to close the eye and to blow the cheek.
   - Briefly mention the course of the parotid duct and structures pierced by it.

   (5+2+1½+1½=10)

Short essays **(3x5=15)**

2. Extra ocular muscles of the eyeball
3. Rectus sheath – formation , contents and applied anatomy
4. Derivates of the components first pharyngeal arch

Short notes **(5x3=15)**

5. Thoracic duct – origin, termination and areas of drainage
6. Mention the type and movements at the atlanto-occipital joints
7. Recto uterine pouch with applied aspects
8. Interior of anal canal
9. Lymphatic drainage of stomach and its applied importance

Short answers **(3x2=6)**

10. Deep cerebellar nuclei
11. Neural crest derivatives
12. Spermatic cord

Draw diagrams **(2x2=4)**

13. Visceral surface of liver
14. Transverse section of medulla at the level of pyramidal decussation

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