

**Q.P. Code: 102001**
**Reg. No.: .....**

**First Professional MBBS Degree Supplementary Examinations  
January 2020**

**Anatomy - Paper II**

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

- *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*

**Long Essay**
**(10)**

1. A 20 years old female underwent right sided mastoidectomy following which she developed weakness of facial muscles on that side. There was also impairment of taste sensation from the anterior two thirds of the tongue on the same side. Based on your knowledge of anatomy answer the following questions:
  - Name the structure involved during surgery that would have led to the symptoms in this patient.
  - Name all the nuclei in the brain stem which are concerned with this structure
  - Describe the intracranial, intra petrous and extra cranial course of the structure.
  - Name its branches at different levels

**(1+2+4+3)**
**Short essays**
**(3x5=15)**

2. Boundaries and contents of inguinal canal
3. Pancreas – parts, relations and blood supply
4. Arterial supply and venous drainage of cerebral cortex

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

5. Superficial perineal pouch
6. Falx Cerebri.
7. Naso-pharynx
8. Trigone [internal] of the urinary bladder
9. Superior cerebellar peduncle

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

10. Development of the pituitary gland
11. Formation and fate of the para mesonephric duct
12. Microscopic structure of the suprarenal gland

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

13. Anterior relations of right and left kidney
14. Transverse section of the pons at the level of the facial colliculus

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