

**First Professional MBBS Degree Examinations August 2018**

**ANATOMY- PAPER II**

**Time: 3 Hours**

**Total Marks: 50**

- Answer all questions
- Draw diagrams wherever necessary

**Long Essay**

**(10)**

1. A middle aged man visited the surgical OPD with history of bleeding per anum since three months. On clinical examination he was found to have internal hemorrhoids. From your knowledge of anatomy describe the anal canal under the following headings:

- Mucosal anatomy • sphincteric muscles • blood supply • clinical aspects.

**(3+3+2+2)**

**Short essays**

**(3x5=15)**

2. Middle ear
3. Development of the face
4. Histology of the ovary

**Short notes**

**(5x3=15)**

5. Sphincter muscles of the pharynx
6. Lateral sulcus of cerebrum
7. Male urethra
8. Rectus sheath
9. Hepatic and portal lobule

**Short answers**

**(3x2=6)**

10. Ansa cervicalis
11. Anterior fontanelle
12. Positions of appendix

**Draw diagrams**

**(2x2=4)**

13. Circle of Willis
14. Posterior surface of both kidneys showing relations.