

Q.P. Code: 102001

First Professional MBBS Degree Supplementary Examinations, February 2014

**ANATOMY- PAPER II****Time: 3 Hours****Total Marks: 50**

- Answer all questions
- Draw diagrams wherever necessary

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

1. A 55 years old woman complained of midline nodular swelling in the front of her neck which moves on swallowing. On examination, she had slight tremors on outstretched hands; Pulse was 111 per min, BP 156/100 mm Hg and slight blurring of eyes. She also told that, she had lost weight and feels feverish. Answer the following questions:

- Which organ is likely to be involved.
  - Why does this swelling move during swallowing.
  - Mention the relations of this organ
  - Explain the blood supply of this organ and mention the precautions to be taken while ligating these vessels during surgery
- (1+2+3+4 = 10)

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

2. Extra hepatic biliary apparatus
3. Basal ganglia
4. Supports of uterus

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

5. Inferior cerebellar peduncle
6. Development of portal vein
7. Microscopic structure of pancreas
8. Lesser sac
9. Structures over hyoglossus

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

10. Coverings of kidney
11. Branches of external carotid artery
12. Pudendal canal

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

13. Transverse section at the level of upper part of pons
14. Stomach bed.

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