

**Code: 1201**

Reg. no.: .....

First Professional MBBS Degree Examination, September 2011

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

- Answer all questions
- Draw diagrams wherever necessary

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

1. A 65-year old man presented with dilated veins around the umbilicus and vague pain in the epigastric region. He also had a history of bleeding per rectum. Radiological examination revealed an abnormal growth of the 'head and neck' of the pancreas. Based on your anatomical knowledge answer the following questions.
  - Name the structure that would have been compressed by the pancreatic growth to cause the clinical findings.
  - Give the formation, course, relations and termination of the structure.
  - Name all the possible sites, where there could be dilated veins, giving the names of the veins involved with reasons and clinical implications
  - What are the other structures that are likely to be compressed by the growth
  - Mention the sources of development of the pancreas

(1+4+3+1+1=10)

**Write briefly on:**
**(3x5=15)**

2. Vermiform appendix
3. Mandibular nerve
4. Thalamus

**Write notes on:**
**(5x3=15)**

5. Tympanic membrane
6. Interior of larynx
7. Development of lips
8. Crus cerebri
9. Levator palpebrae superioris

**Short answer:**
**(3x2=6)**

10. Visual cortex
11. Development of the anal canal
12. Microscopic structure of palatine tonsil

**Draw neat labeled diagrams:**
**(2x2=4)**

13. Diagram showing the floor of the fourth ventricle
14. Posterior surface of the left kidney showing the relations

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