

## Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - I Degree Examination - January 2009

Time: 3 Hrs.

[Max. Marks: 100]

**ANATOMY - PAPER II (Revised Scheme)**

QP Code: 1052

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary.

**LONG ESSAY****2 X 9 = 18 Marks**

- Describe the stomach under following headings
  - Surfaces, borders and relations
  - Blood supply and lymphatic drainage
  - Development
- Describe the Ischioanal fossa under following heads
  - Boundaries and contents
  - Applied anatomy

**SHORT ESSAY****10 X 5 = 50 Marks**

- Vascular segments of kidney
- Suprarenal gland blood supply and development
- Vermiform appendix – situation, various positions applied anatomy
- Lesser omentum attachments contents
- Small saphenous vein- formation, course, tributaries
- Obturator nerve – root value, course, branches, applied anatomy
- Gluteus maximus muscle – origin, insertion nerve supply and actions
- Femoral sheath – formation, contents
- Trigone of urinary bladder
- Uterus – blood supply and lymphatic drainage

**SHORT ANSWERS****16 X 2 = 32 Marks**

- Name any three autosomal dominant disorders
- Phenotype and genotype
- Name any two tests used for prenatal detection of genetic disorders
- Microscopic structure of ureter
- Name any four branches of internal Iliac artery
- Give any three differences in the structure of duodenum and Jejunum
- Name the derivatives of mesonephric duct in males
- Name the bones forming lateral longitudinal arch of foot
- Graffian follicle
- Name the structures attached to anterior intercondylar area of Tibia
- Derivatives of foregut
- Development of pancreas
- Name the derivatives of Gubernaculum of ovary in females
- Sartorius muscle
- Deep inguinal ring
- Draw a labeled diagram of visceral surface of spleen