MS[Anatomy]

BF/2009/05

Surgery as applied to Anatomy

[Paper-I]

Time : 3 Hours **M.M.: 100**

Note: Attempt all questions.
Illustrate your answers with suitable diagrams.

1. Describe Porta-caval anastomosis and its applied anatomy. [30]

2. Describe supports of Rectum and its applied anatomy. [30]

3. **Describe briefly**: [4x10=40]
   a. Foot drop.
   b. Mongolism.
   c. Rotators cuff and its applied anatomy.
   d. Automatic Urinary bladder.

MS[Anatomy]

BF/2009/05

Gross Human Anatomy including Radiological and Forensic Anatomy

[Paper-II]

Time : 3 Hours **M.M.: 100**

Note: Attempt all questions.

1. **Describe the Temporomandibular joint under the following headings**: [30]
   a. Type and articular surfaces.
   b. Relations.
   c. Mechanics of movement and muscles involved.
   d. Applied anatomy.

2. **Describe the Thoracoabdominal diaphragm under the following headings**: [30]
   a. Origin and insertion.
   b. Openings.
   c. Nerve supply.
   d. Applied anatomy.

3. **Write short notes on**: [40]
   a. Nerve entrapments.

   b. Blood supply of an intercostal space.

   c. Computed tomography.

   d. Bronchopulmonary segments.

MS[Anatomy]

BF/2009/05

Embryology and Microscopic Anatomy

[Paper-III]

Time : 3 Hours **M.M.: 100**

Note: Attempt all questions.

1. Describe the microstructure of Uterine endometrium in different phases of menstrual cycle. [28]

2. **Write briefly on**: [3x12=36]
   a. Development of diaphragm and its anomalies.
   b. Neural tube defects.
   c. Histochemical techniques in relation to haematoxylin - eosin staining.

3. **Write short notes on**: [3x12=36]
   a. Microanatomy of Thymus.
   b. Intraembryonic mesoderm.
   c. Polycystic kidney.

MS[Anatomy]

BF/2009/05

Applied Anatomy and recent advances in Anatomy

[Paper-IV]

Time : 3 Hours **M.M.: 100**

Note: Attempt all questions.

1. Discuss the anatomy of Inguinal canal and add a note on its applied aspect. [30]

2. Describe the Thyroid gland and its applied anatomy. [30]

3. **Write briefly on**:
   a. Coarctation of aorta with special reference to Collateral circulation. [20]

   b. Recent advances in understanding in Dupuytren's contracture. [10]

   c. Cavernous venous sinus. [10]
