

# Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - I Degree Examination - July 2008

Time: 3 Hrs.

[Max. Marks: 100]

## ANATOMY - PAPER – I (Revised Scheme)

### QP Code: 1051

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

#### LONG ESSAY

**2 X 9 = 18 Marks**

- Describe the origin, course, relations and distribution of facial nerve
- Describe the arch of aorta under following headings  
a) Origin, course and termination    b) Relations and Branches    c) Development

#### SHORT ESSAY

**10 X 5 = 50 Marks**

- Boundaries and contents of cubital fossa
- Musculocutaneous nerve root value, course branches
- Development of interatrial septum
- Typical intercostal space – boundaries and contents
- Nasal septum
- Epiphysis – definition, types and examples
- Biceps brachii muscle attachments, nerve supply and actions
- Red nucleus location, connections
- Cavernous sinus – situation, tributaries and structures within
- 1<sup>st</sup> pharyngeal arch, derivatives, nerve of the arch

#### SHORT ANSWERS

**16 X 2 = 32 Marks**

- Yolk sack
- Structures passing through foramen ovale
- Draw a labeled diagram of histology of lymph node
- Klumpke's paralysis
- Structures attached to bicipital groove of humerus
- Symphysis (Secondary Cartilagenous Joint)
- Any three differences between histology of skeletal and cardiac muscle
- End artery definition and examples
- Name the structures opening in middle meatus of the nose
- Anterior fontanelle and its clinical importance
- Effects of fertilization
- Name the structures forming placental barrier
- Name the three sites of stratified squamous non keratinized epithelium
- Give four examples of commissural fibres
- Name the structures passing through opening in the diaphragm at level of 12<sup>th</sup> thoracic vertebra
- Define spinal segment

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