

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

FIRST BDS DEGREE EXAMINATION – MAY 2005**SUBJECT: GENERAL HUMAN ANATOMY INCLUDING HISTOLOGY & EMBRYOLOGY (ESSAY)**

Thursday, May 26, 2005

Time: 14:20 – 17:00 Hours

Maximum Marks: 80

DRAW DIAGRAMS AND FLOW CHARTS WHEREVER APPROPRIATE

1. Describe the extra ocular muscles under the following headings:

- 1A. Name the muscles
- 1B. Attachments
- 1C. Nerve supply
- 1D. Actions
- 1E. Applied anatomy

(2+5+2+4+2 = 15 marks)

2. Describe the thyroid gland under the following headings:

- 2A. Location and extent
- 2B. Capsules
- 2C. Relations
- 2D. Blood supply
- 2E. Microscopic structure
- 2F. Development

(1+2+4+3+3+2 = 15 marks)

3. Write short notes on:

- 3A. Tributaries and connections of Cavernous sinus
- 3B. Ansa cervicalis
- 3C. Ligaments of Temporomandibular joint
- 3D. Innervation of tongue
- 3E. Barr body
- 3F. Blood supply of bone
- 3G. Spermatogenesis
- 3H. Cleft palate
- 3I. Microscopic structure of submandibular gland
- 3J. Microscopic structure of pituitary gland

(5×10 = 50 marks)



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FIRST BDS DEGREE EXAMINATION – JULY/AUGUST 2005**SUBJECT: GENERAL HUMAN ANATOMY INCLUDING HISTOLOGY & EMBRYOLOGY (ESSAY)**

Thursday, July 28, 2005

Time: 14:20 – 17:00 Hours

Maximum Marks: 80

☞ DRAW DIAGRAMS AND FLOW CHARTS WHEREVER APPROPRIATE

1. Describe the mandibular nerve under the following headings:

- 1A. Origin
- 1B. Course
- 1C. Branches
- 1D. Distribution

(2+4+5+4 = 15 marks)

2. Describe palatine tonsil under the following headings:

- 2A. Position.
- 2B. Relation.
- 2C. Histology.
- 2D. Applied.
- 2E. Blood supply.

(2+5+4+3+1 = 15 marks)

3. Write short notes on:

- 3A. Sternocleidomastoid.
- 3B. Facial nerve in the face.
- 3C. Histology of pituitary gland.
- 3D. Falx cerebri.
- 3E. Oculomotor nerve.
- 3F. Gomphosis.
- 3G. Notochord.
- 3H. Histology of serous salivary gland.
- 3I. Development of upperlimb and anomalies.
- 3J. Turner's syndrome.

(5×10 = 50 marks)

