

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

FIRST BDS DEGREE EXAMINATION – MAY 2006**SUBJECT: GENERAL HUMAN ANATOMY INCLUDING HISTOLOGY & EMBRYOLOGY (ESSAY)**

Thursday, May 25, 2006

Time: 14:20 – 17:00 Hours

Maximum Marks: 80

✍ Draw diagrams and flow charts wherever appropriate.

1. Describe the parotid gland under the following headings:

- 1A. Features and Relations
- 1B. Structures inside it
- 1C. Secretomotor nerve supply
- 1D. Microscopic anatomy

(6+3+3+3 = 15 marks)

2. Describe the muscles moving the eyeball under the following headings:

- 2A. Attachments
- 2B. Nerve supply
- 2C. Actions

(5+4+6 = 15 marks)

3. Write short notes on:

- 3A. Nerve supply of scalp
- 3B. Blood supply and nerve supply of nasal septum
- 3C. External jugular vein
- 3D. Middle meningeal artery
- 3E. Klinefelter's syndrome
- 3F. Cartilagenous joints
- 3G. Implantation
- 3H. Development of palate
- 3I. Histology of bone
- 3J. Histology of cornea

(5×10 = 50 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION

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FIRST BDS DEGREE EXAMINATION – JULY 2006**SUBJECT: GENERAL HUMAN ANATOMY INCLUDING HISTOLOGY & EMBRYOLOGY (ESSAY)**

Thursday, July 20, 2006

Time: 14:20 – 17:00 Hours

Maximum Marks: 80

✍ Draw diagrams and flow charts wherever appropriate.

1. Describe the muscles of mastication under the following headings

- 1A. Names.
- 1B. Attachments.
- 1C. Nerve supply.
- 1D. Actions.
- 1E. Development.

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

2. Describe the maxillary nerve under the following headings

- 2A. Origin.
- 2B. Course.
- 2C. Branches.
- 2D. Distribution.
- 2E. Pterygopalatine ganglion.

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

3. Write short notes on:

- 3A. Epiglottis.
- 3B. Nasopharynx.
- 3C. Digastric muscle.
- 3D. Facial artery.
- 3E. Karyotyping.
- 3F. Fibrous joints.
- 3G. Spermatogenesis.
- 3H. Second pharyngeal arch.
- 3I. Histology of Elastic artery.
- 3J. Histology of skeletal muscle.

(5×10 = 50 marks)

