

**MANIPAL UNIVERSITY****FIRST BDS DEGREE EXAMINATION – MAY 2007****SUBJECT: GENERAL HUMAN ANATOMY INCLUDING HISTOLOGY & EMBRYOLOGY (ESSAY)**

Monday, May 28, 2007

Time: 14:20 – 17:00 Hours

Maximum Marks: 80

1. Describe the submandibular gland under the following headings:

1A. Features and relations

1B. Duct

1C. Secretomotor nerve supply

1D. Microscopic anatomy

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

2. Describe the different dural venous sinuses under the following heads:

2A. Locations

2B. Relations

2C. Tributaries

2D. Communications of the cavernous sinus

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

3. Write short notes on:

3A. Nerve supply of the face

3B. Falx cerebri

3C. Nasal septum

3D. Inferior alveolar nerve

3E. Turner's syndrome

3F. Fibrous joints

3G. Notochord

3H. Development of upper lip

3I. Histology of the thymus

3J. Histology of the oesophagus

(5×10 = 50 marks)



**MANIPAL UNIVERSITY****FIRST BDS DEGREE EXAMINATION – SEPTEMBER 2007****SUBJECT: GENERAL HUMAN ANATOMY INCLUDING HISTOLOGY & EMBRYOLOGY (ESSAY)**

Friday, September 21, 2007

Time: 14:20 – 17:00 Hours

Maximum Marks: 80

1. Describe the thyroid gland under the following headings:

1A. Position and capsules.

1B. Parts and relations.

1C. Blood supply.

(4+7+4 = 15 marks)

2. Describe the temporo-mandibular joint under the following headings:

2A. Type and articular surfaces.

2B. Capsule and ligaments.

2C. Movements and muscles involved.

(4+5+6 = 15 marks)

3. Write short notes on:

3A. Interior of larynx.

3B. Hyoglossus and its relations.

3C. Auditory tube.

3D. Maxillary air sinus.

3E. Karyotyping.

3F. Fibrous joints.

3G. Umbilical cord.

3H. Derivatives of 2<sup>nd</sup> pharyngeal arch.

3I. Microscopic anatomy of spleen.

3J. Microscopic anatomy of trachea.

(5×10 = 50 marks)

