

**MANIPAL UNIVERSITY****FIRST BDS DEGREE EXAMINATION – AUGUST 2017****SUBJECT: GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY (ESSAY)**

Tuesday, August 01, 2017

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

- ✍ All questions are compulsory. Write brief, clear, relevant and legible answers.  
✍ Illustrate your answers with diagrams and flow-charts wherever appropriate.

1. Classify dural venous sinuses. Describe the superior sagittal sinus under following headings:

- 1A. Position  
1B. Relations, tributaries and connections  
1C. Applied aspects

(2+1+5+2 = 10 marks)

2. Describe the lateral wall of nasal cavity under the following headings:

- 2A. Bones taking part  
2B. Features  
2C. Nerve supply  
2D. Arterial supply

(2+4+2+2 = 10 marks)

3. **Write Short notes on:**

- 3A. Carotid sheath  
3B. Inlet of larynx  
3C. Lymphatic drainage of tongue  
3D. Histology of suprarenal gland  
3E. Derivatives of first pharyngeal arch  
3F. Lateral pterygoid muscle  
3G. Down's syndrome  
3H. Blood supply of long bone  
3I. Notochord-formation & fate  
3J. Histology of lymph node

(4 marks × 10 = 40 marks)

