



# MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST BDS DEGREE EXAMINATION - JANUARY 2018

SUBJECT: GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY

Monday, January 15, 2018 (14.15 - 17.00 Hrs.)

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

Marks: 70

Duration: 180 mins.

1) Enumerate paranasal air sinuses. Describe the maxillary sinus under the following headings:

- i) Boundaries
- ii) Opening
- iii) Applied aspects

(1+6+1+2 = 10 marks)

2. Describe the palate under following headings:

- 2A) Muscles of the soft palate. (4)
- 2B) Nerve supply of palate. (2)
- 2C) Development of the palate and anomalies. (4)

3. Write short notes on:

- 3A) Tentorium cerebelli (4)
- 3B) Ciliary ganglion (4)
- 3C) Histology of testis (4)
- 3D) Down's syndrome (4)
- 3E) Facial artery (4)
- 3F) Thyroid cartilage (4)
- 3G) Papillae of the tongue (4)
- 3H) Maxillary nerve (4)
- 3I) Histology of kidney (4)
- 3J) Mastoid process (4)

---- End ----