



## MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST BDS DEGREE EXAMINATION - JUNE 2018

SUBJECT: GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY

Monday, June 18, 2018 (14:15 - 17:00)

Answer ALL questions.

Draw diagrams to illustrate the answers wherever necessary.

Marks: 60

Duration: 165 mins.

- 1) Describe the nasal septum under the following headings: (10)
- 1A. Formation
  - 1B. Blood supply
  - 1C. Nerve supply
  - 1D. Applied aspects
- (3+3+3+1 = 10 marks)
- 2) Describe the thyroid gland under the following headings: (10)
- 2A. Location and parts
  - 2B. Relations
  - 2C. Blood supply
  - 2D. Applied aspects
- (2+4+3+1 = 10 marks)
- 3) Write short notes on:
- 3A) Falx cerebri (4)
  - 3B) Ansa cervicalis (4)
  - 3C) Submandibular ganglion (4)
  - 3D) Autosomal dominant inheritance (4)
  - 3E) Typical spinal nerve (4)
  - 3F) Microscopic structure of hyaline cartilage (4)
  - 3G) Chorionic villi (4)
  - 3H) Middle meningeal artery (4)
  - 3I) Development of tongue (4)
  - 3J) Microscopic structure of suprarenal gland (4)

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