

# Question Paper

Exam Date & Time: 19-Feb-2021 (02:00 PM - 05:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST BDS DEGREE EXAMINATION - FEBRUARY 2021  
SUBJECT: GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY

Marks: 60

Duration: 165 mins.

All questions are compulsory.

Write brief, clear, relevant and legible answers.

Illustrate your answers with diagrams and flowcharts wherever appropriate.

### Essay Questions :

- 1) Describe the temporomandibular joint under the following headings: a) type b) articular surfaces c) ligaments d) movements with muscles responsible (10)  
(1+1+4+4 = 10 marks)
- 2) Describe the Scalp under the following headings: a) layers b) blood supply c) nerve supply d) applied aspects (10)  
(2+3+3+2 = 10 marks)
3. **Write Short notes:**
  - 3A) Maxillary Sinus (4)
  - 3B) Fate of pharyngeal pouches (4)
  - 3C) Histology of Tongue (4)
  - 3D) Facial artery (4)
  - 3E) Klinefelter Syndrome (4)
  - 3F) Sternocleidomastoid muscle (4)
  - 3G) Formation and relations of cavernous sinus (4)
  - 3H) Histology of transverse section of bone (4)
  - 3I) Boundaries of tonsillar fossa and gross features of tonsil (4)
  - 3J) Enumerate contents of posterior triangle (4)

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