

# Question Paper

Exam Date & Time: 29-Dec-2020 (02:15 PM - 05:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST BDS DEGREE EXAMINATION - DECEMBER 2020/JANUARY 2021  
SUBJECT: GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY

All questions are compulsory. Write brief, clear, relevant and legible answer. Illustrate your answers with diagrams and flowcharts wherever appropriate.

Marks: 60

Duration: 165 mins.

1. Explain the parotid gland under the following headings

- |     |                             |     |
|-----|-----------------------------|-----|
| 1A) | Parts and relations         | (5) |
| 1B) | Structures within the gland | (3) |
| 1C) | Applied aspects             | (2) |

2. Explain the Mandibular nerve under the following headings

- |     |                                    |     |
|-----|------------------------------------|-----|
| 2A) | Course                             | (3) |
| 2B) | Branches with area of distribution | (6) |
| 2C) | Applied aspect                     | (1) |

3. Write short notes on

- |     |  |     |
|-----|--|-----|
| 3A) | Enumerate the muscles of larynx with their nerve supply    | (4) |
| 3B) | Attachments, actions and nerve supply of hyoglossus muscle | (4) |
| 3C) | Microanatomy of palatine tonsil                            | (4) |
| 3D) | Microanatomy of oesophagus                                 | (4) |
| 3E) | Down's syndrome  | (4) |
| 3F) | Formation and fate of notochord                            | (4) |
| 3G) | Development of palate                                      | (4) |
| 3H) | Carotid sheath formation and contents                      | (4) |
| 3I) | Dangerous area of face and its applied anatomy             | (4) |
| 3J) | Falx cerebri   | (4) |

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