

Question Paper

Exam Date & Time: 23-Oct-2023 (02:15 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST BDS DEGREE EXAMINATION - OCTOBER 2023
SUBJECT: GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY

Marks: 60

Duration: 165 mins.

Answer all the questions.

Write brief, clear, relevant and legible answers.

Illustrate your answers with diagrams and flow-charts wherever appropriate.

- 1) Describe the mandibular nerve under the following:
 - 1A) Origin (1)
 - 1B) Course (2)
 - 1C) Branches and distribution (6)
 - 1D) Applied aspect (1)

- 2) Describe the boundaries and contents of carotid triangle. (4+6 = 10 marks)

- 3) **Write short notes on:**
 - 3A) Arterial and nerve supply of scalp (4)
 - 3B) Microscopic structure of thyroid gland (4)
 - 3C) Karyotyping (4)
 - 3D) Derivatives of first pharyngeal arch (4)
 - 3E) Microscopic structure of mixed salivary gland (4)
 - 3F) Epiphyses (4)
 - 3G) Relations of the surfaces of the parotid gland (4)
 - 3H) Nasopharynx (4)
 - 3I) Cleft palate (4)
 - 3J) Masseter muscle (4)

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