

Question Paper

Exam Date & Time: 29-Dec-2022 (02:00 PM - 05:00 PM)

MANIPAL ACADEMY OF HIGHER EDUCATION
FIRST BDS DEGREE EXAMINATION - DECEMBER 2022/JANUARY 2023
SUBJECT: GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY
(REGULAR BATCH)

Marks: 60

Duration: 165 mins.

Answer all the questions.

All questions are compulsory. Write brief, clear, relevant and legible answers.

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

- 1.) Enumerate the dural venous sinus. Describe the cavernous sinus in detail.

(4+6 = 10 marks)

2. Describe the thyroid gland under the following headings:
 - 2A) External features. (2 marks)
 - 2B) Relations of the gland. (5 marks)
 - 2C) Blood supply. (2 marks)
 - 2D) Applied aspects. (1 marks)

3. **Write short notes on:**

(4x10 = 40 marks)

 - 3A) Typical synovial joint.
 - 3B) Histology of tooth.
 - 3C) Enumerate the structures passing through foramen magnum.
 - 3D) Anatomical basis of Oblique facial cleft.
 - 3E) Describe the attachments, nerve supply and actions of lateral pterygoid.
 - 3F) Microscopic structure of Hyaline cartilage.
 - 3G) Describe the structure of chromosome.
 - 3H) Explain the boundaries and contents of piriform fossa.
 - 3I) Describe the formation and fate of neural tube.
 - 3J) Explain the ciliary ganglion.

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