

Question Paper

Exam Date & Time: 12-Jun-2023 (02:00 PM - 05:00 PM)

FIRST BDS DEGREE EXAMINATION - JUNE 2023

SUBJECT: GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY

Marks: 60 Marks

Duration: 165 mins.

Write brief, clear, relevant and legible answers.

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

Answer all the questions.

- 1) Describe the temporomandibular joint under the following headings.
 - 1A) Type & articular surfaces (2 marks)
 - 1B) Ligaments (4 marks)
 - 1C) Movements & muscles producing them (4 marks)

- 2) Describe larynx under the following headings:
 - 2A) Cavity of larynx (3 marks)
 - 2B) Muscles - attachments and actions (5 marks)
 - 2C) Motor and sensory nerve supply (2 marks)

- 3) **Write short notes on:**
 - 3A) Describe the relations on the lateral surface of tonsil
 - 3B) Illustrate and describe the microscopic structure of testes
 - 3C) Mention the karyotype of Turner's syndrome and list the clinical features
 - 3D) Describe the process of implantation
 - 3E) Illustrate and describe the microscopic structure of sympathetic ganglion
 - 3F) Illustrate and discuss the parts of a growing young bone.
 - 3G) Discuss the development of thyroid gland with a note on anomalies
 - 3H) Hyoglossus muscle - relations and nerve supply
 - 3I) Tabulate the branches with distribution of mandibular nerve.
 - 3J) Describe the origin, course and branches of facial artery

(4 marks x 10 = 40 marks)