

MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST BDS DEGREE EXAMINATION - JUNE 2019

SUBJECT: GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY

Monday, June 24, 2019 (14:00 - 17:00)

All questions are compulsory. Write brief, clear, relevant and legible answers. Illustrate your answers with diagrams and flow-charts wherever appropriate.

Marks: 60

Duration : 14.15-17.00

Answer all the questions.

- 1) Describe the layers of scalp. Give its blood supply, nerve supply and applied aspects. (10)
(5+2+2+1 = 10 marks)
- 2) **Describe the extraocular muscles under the following:**
- 2A) Attachments (7)
- 2B) Nerve supply (1)
- 2C) Actions (2)
- 3) **Write short notes on:**
- 3A) Microscopic anatomy of medium sized artery. (4)
- 3B) Microscopic anatomy of tongue. (4)
- 3C) Down's syndrome (4)
- 3D) Development and developmental anomalies of thyroid. (4)
- 3E) Notochord (4)
- 3F) Structure of neuron (4)
- 3G) Digastric muscle (4)
- 3H) Auditory tube (4)
- 3I) Contents of posterior triangle (4)
- 3J) Tentorium cerebelli (4)

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