

# Question Paper

Exam Date & Time: 06-Aug-2022 (02:00 PM - 05:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST BDS DEGREE EXAMINATION - AUGUST 2022  
SUBJECT: GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY  
(CASUAL BATCH)

Marks: 70

Duration: 180 mins.

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

1. Describe the scalp under the following headings :

- |     |                |     |
|-----|----------------|-----|
| 1A) | Layers         | (5) |
| 1B) | Blood supply   | (4) |
| 1C) | Applied aspect | (1) |

2. Explain the muscles of mastication under the following headings :

- |     |              |     |
|-----|--------------|-----|
| 2A) | Origin       | (2) |
| 2B) | Insertion    | (2) |
| 2C) | Nerve supply | (2) |
| 2D) | Actions      | (4) |

3. Write short notes on:

- |     |                                      |     |
|-----|--------------------------------------|-----|
| 3A) | Sternocleidomastoid muscle           | (4) |
| 3B) | Microscopic structure of optic nerve | (4) |
| 3C) | External jugular vein                | (4) |
| 3D) | Neuron                               | (4) |
| 3E) | Primitive streak                     | (4) |
| 3F) | Falx cerebri                         | (4) |
| 3G) | Chromosomes                          | (4) |
| 3H) | Microscopic structure of liver       | (4) |
| 3I) | Extrinsic muscles of tongue          | (4) |

-----End-----