



Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase – I (CBME) Degree Examination - 03-Feb-2023

Time: Three Hours

Max. Marks: 100 Marks

ANATOMY – PAPER - I (RS-4)

Q.P. CODE: 1020

(QP Contains two pages)

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS

2 x 10 = 20 Marks

- Describe the lateral wall of nose under the following headings
a) Features b) Blood supply c) Nerve supply d) Applied anatomy
- A two year old child was brought to the emergency department with history of swallowing of plastic bead.
a) Which is the likely bronchopulmonary segment lodging this foreign body
b) Define a bronchopulmonary segment
c) Mention the Bronchopulmonary segments of both lungs
d) Explain the features and relations of medial surface of left lung.

SHORT ESSAYS

8 x 5 = 40 Marks

- Describe the microscopic structure of transverse section of bone with a neat labelled diagram
- Define twinning. Mention its types and their embryological basis
- Draw a neat labelled diagram of transverse section of Pons at the level of facial colliculus
- Describe the attachments, nerve supply and action of serratus anterior. Define winging of scapula
- Describe the origin, course, branches and clinical significance of brachial artery
- A 30 year old male with numbness and weakness in the thenar aspect of palm attended OPD. On examination paper holding test was positive
a) Name the nerve involved and its root value.
b) Draw a labelled diagram showing the area of distribution of sensory loss.
c) List the muscles affected.
- Trace the vertical disposition and modifications of general investing layer of deep cervical fascia
- Write the anatomical classification of cerebellum with its functions. Name the Deep nuclei of cerebellum.

SHORT ANSWERS

10 x 3 = 30 Marks

- Classify synchondrosis with examples.
- Differentiate pneumatic and sesamoid bone with examples.
- Draw a neat labelled diagram of Graafian follicle
- List the structures related to the neck of 1st rib
- Mention the branches of right coronary artery
- Name the dangerous layer of scalp and its clinical importance
- List the muscles of soft plate
- Mention the general, special sensory and motor nerve supply of anterior 2/3rd of tongue
- List the structures piercing the clavipectoral fascia.
- Mention the parts of Basal ganglia.

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

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