

Date: 11-03-2022

RUHS

First Year MBBS Examination

I MBBS ANATOMY PAPER I

Time: 3 hours

Max Marks: 100

Instructions: INSTRUCTIONS: Attempt all questions in both sections:

(Use separate answer book for each section)

Section 1

1. Fill in the blanks: (6)

- a. Cricoid cartilage in the neck lies at the level of vertebra.
- b. Dangerous layer of scalp is
- c. Axillary nerve is the branch of cord.
- d. Spinal cord ends at level.
- e. Sub-occipital nerve is cervical nerve.
- f. Embryologically, the parathyroid glands derive from

2. Answer the following: (4)

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- a. Safety muscle of the tongue is a) Intrinsic b)

- Hyoglossus c) Genioglossus d) Styloglossus
- b. Retraction of mandible is done by; a) Masseter
b) Lateral Pterygoid c) Temporalis d) Medial Pterygoid
- c. The parenteral lobule is supplied by: a) Middle cerebral artery b) Anterior cerebral artery c) Both anterior and middle cerebral artery d) Heubner artery
- d. Which of the following can extend, adduct and medially rotate the arm? a) Teres minor b) Subscapularis c) Latissimus dorsi d) Deltoid
3. A 10 years old boy came to the hospital with a history of recurrent attacks of sore throat. On inspection of the oropharynx, the palatine tonsils almost touched each (15) other in the midline:
- Name the structures forming tonsillar bed.
 - Describe arterial supply of tonsils.
 - Microanatomy of tonsils.
 - Development of tonsils.
 - Peritonsillar space and its significance.
4. Write short notes on (Any five): (10)
- Erb's point
 - Nerve supply of tongue
 - Biceps branchi Muscle (A.91)
 - End arteries
 - Transitional epithelium
 - Fertilization
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5. Explain briefly (Any three): (15)

- a. Mid palmar space.
- b. Relations of cavernous sinus
- c. Lymphatic drainage of breast.
- d. Classification of synovial joints.

Section 2

6. Describe thyroid gland under the following headings: a) Gross anatomy. b) Relations. c) Blood supply d) Clinical anatomy (20)

7. Write short notes on (Any five): (10)

- a. Branches of external carotid artery
- b. Upward movement of eye ball
- c. Parotid fascial
- d. Placental barrier
- e. Wrist drop
- f. Substantia nigra

8. Explain briefly (Any four): (20)

- a. Spinothalamic tract
- b. Auditory tube
- c. Medial cord of brachial plexus
- d. Transverse section at level of pyramidal decussation
- e. Development of tongue
