

Madhya Pradesh Medical Science University, Jabalpur
MBBS First Professional (Supplementary) Examination July-2023
Subject- Anatomy (New Scheme)

Paper-I

Paper Code-23BM0000100021

Time: 3:00 Hours

Maximum Marks :100

Instructions:

- a) All questions are compulsory
 - b) Draw diagrams wherever necessary
 - c) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper.
 - d) MCQ has to be answered in theory answer book
 - e) Please write MCQ answer neatly and in serial order with black or blue pen in brackets for example:- 1. (a) 2. (b)
 - f) MCQ has to be answered only once, any kind of repetition or cutting or erasing or whitener will be considered as malpractice.
- Such answers will not be counted in the marks and action will be taken according to UFM rules of University
- g) Subjective Answer should be answered in up to 30 words per marks. For example, if a question having 2 marks answer should be answered in up to 60 words.

Q.1 Total MCQs : 10

10x1=10

- 1. Rotator cuff is formed by all except
 - a. Supraspinatus
 - b. Infraspinatus
 - c. Teres major
 - d. Subscapularis

- 2. The muscle that separates the superficial and deep parts of submandibular gland is
 - a. Styloglossus
 - b. Geniohyoid
 - c. Hyoglossus

- d. Mylohyoid
3. Premotor area corresponds to Brodmann area
- a. Area no 4
 - b. Area no 5 and 7
 - c. Area no 6
 - d. Area no 8
4. Biceps brachii is supplied by
- a. Radial nerve
 - b. Median Nerve
 - c. Musculocutaneous nerve
 - d. Axillary nerve
5. Otic ganglion supplies
- a. Submandibular gland
 - b. Lingual gland
 - c. Parotid gland
 - d. All these
6. 3rd ventricle communication with 4th ventricle through
- a. Cerebral aqueduct of sylvius
 - b. Foramen of luschka
 - c. Interventricular foramen of Monro
 - d. Foramen of magendie
7. Ape thumb deformity is seen in involvement of
- a. Median nerve
 - b. Ulnar nerve
 - c. Radial nerve
 - d. Axillary nerve

8. Stylohyoid ligament is derived from
- 2nd pharyngeal arch
 - Investing layer of deep cervical fascia
 - 1st pharyngeal arch
 - Pretracheal layer of deep cervical fascia
9. Which structure forms the anterior boundary of oblique pericardial sinus
- Right atrium
 - Left atrium
 - Right ventricle
 - Left ventricle
10. All are the symptoms of Horner's Syndrome except
- Ptosis
 - Miosis
 - Exophthalmos
 - Anhydrosis

Q.2 Long Answer Questions**2x20=40**

- a. Describe heart under the following headings
- External features
 - Interior of right atrium
 - Arterial supply
 - Venous drainage
 - Applied anatomy
- b. Describe the shoulder joint under the following headings
- Type with articulating bones
 - Ligaments and bursae
 - Relations

d) Movements with muscles involved

e) Applied aspects

Q.3 Brief Answer Questions**6X05=30**

- a. Maxillary air sinus
- b. White matter of cerebrum
- c. Blood supply of long bone
- d. Cerebellar peduncles
- e. Microanatomy of palatine tonsil
- f. Distribution of ulnar nerve in hand

Q.4 Short Answer Questions**10X02=20**

- a. Enumerate infrahyoid muscles of neck
- b. Carotid sheath and its contents
- c. Hilum of the right lung
- d. Major and minor openings of diaphragm
- e. Structures forming the placental barrier
- f. First arch syndrome
- g. Branches of 3rd part of axillary artery
- h. Spermatogenesis
- i. Winging of scapula
- j. Rathke's pouch
