

Madhya Pradesh Medical Science University, Jabalpur**MBBS First Professional Examination Feb-2023****Paper Code- 23AM0000100021****Subject- Human Anatomy (New Scheme)****Paper-I**

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. Which nerve carries preganglionic fibers in the submandibular gland
 - a. Chorda tympani
 - b. Greater petrosal
 - c. Lesser petrosal
 - d. Auriculotemporal
- 2. At which level common carotid artery divides
 - a. Cricoid cartilage
 - b. Lower border of thyroid cartilage

- c. Upper border of thyroid cartilage
 - d. Hyoid bone
3. Which one of the following structure runs in intersegmental planes of lungs
- a. Bronchial artery
 - b. Bronchial vein
 - c. Segmental arteriole
 - d. Segmental venule
4. What type of joint is first chondrosternal joint
- a. Synovial
 - b. Fibrous
 - c. Primary cartilaginous
 - d. Secondary cartilaginous
5. Which muscle is attached to lesser tuberosity of humerus
- a. Subscapularis
 - b. Supraspinatus
 - c. Teres major
 - d. Teres minor
6. In which vein does the cephalic vein drains
- a. Subclavian
 - b. Axillary
 - c. Basilic
 - d. Medial cubital
7. Paralysis of upper trunk of brachial plexus results in which deformity
- a. Ape hand
 - b. Claw hand
 - c. Waiter's tip deformity

- d. Winged scapula
8. Pineal gland is a part of which part of the following
- a. Telencephalon
 - b. Diencephalon
 - c. Mesencephalon
 - d. Rhombencephalon
9. What type of sulcus is the post calcarine sulcus
- a. Operculated
 - b. Limiting
 - c. Complete
 - d. Axial
10. What type of muscle is lateral part of deltoid
- a. Fusiform
 - b. Unipennate
 - c. Straplike
 - d. Multipennate

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

- a. Describe structure, deep relations, blood supply, lymphatic drainage and applied anatomy of breast.
- b. Describe thyroid gland under following headings
- a. Visceral relations
 - b. Microstructure
 - c. Capsule comparison with prostate
 - d. Blood supply
 - e. Applied anatomy

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

- a. Azygos system of vein
- b. Internal capsule
- c. Diagram of Mediastinal surface of right lung
- d. Relation of posterior belly of diaphragm muscle.
- e. Intermediate mesoderm
- f. Sesamoid bone.

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

- a. Winging of scapula
- b. Branches of 1st part of Maxillary artery
- c. Blood brain barrier.
- d. Extrinsic and intrinsic muscles of tongue
- e. Structure passing through foramen ovale
- f. Parts of conducting system of heart
- g. Changes at level of sternal angle
- h. Substantia nigra
- i. Graafian follicle
- j. Pivot joint with examples
