

**Madhya Pradesh Medical Science University,
Jabalpur
MBBS First Professional Examination Feb-2023
Subject- Anatomy
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 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. (c)
- 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 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 should answered in up to 60 marks.

Q1. Total MCQs: 10 $10 \times 1 = 10$

1) ~~Which nerve carries pre ganglionic fibers to sub~~

mandibular gland

- (a) chorda tympani
 - (b) greater petrosal
 - (c) lesser petrosal nerve
 - (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 structures runs in the intersegmental planes of lungs
- (a) bronchial artery
 - (b) bronchial vein
 - (c) segmental arteriole
 - (d) segmental vein
- 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
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- 6) In which vein does 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 hand deformity
 - (d) winged scapula
- 8) Pineal gland is part of which of the following
- (a) telencephalon
 - (b) diencephalon
 - (c) mesencephalon
 - (d) rhombencephalon
- 9) What type of sulcus is 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) strap-like
 - (d) multipennate

Q2. Long Answer Questions

a. Describe structure, deep relations, blood supply, lymphatic drainage and applied anatomy of breast.

2 x 20 = 40

b. Describe thyroid gland under following headings

i. Visceral relations

ii. Microstructure

iii. Capsule comparison with prostate

iv. Blood supply

v. Applied anatomy

Q3. Brief Answer Questions

a. Azygos system of veins 6 x 05 = 30

b. Internal capsule

c. Diagram of mediastinal surface of right lung

d. Relations of posterior belly of digastric muscle

e. Intermediate mesoderm

f. Sesamoid bone

Q4. Short Answer Questions

a. Winging of scapula 10 x 2 = 20

b. Branches of first part of maxillary artery

c. Blood brain barrier

d. Extrinsic and intrinsic muscles of tongue

e. Structures 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

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