

ATAL BIHARI VAJPAYEE MEDICAL UNIVERSITY, LUCKNOW
MBBS DEGREE EXAMINATION - 1st PROF PROFESSIONAL
SUPPLEMENTARY EXAM - MARCH 2024

HUMAN ANATOMY - PAPER - I

SECTION A - Multiple Choice Questions (MCQs)

PAPER CODE: 2421130001

SET: B

Note: Choose one correct answer in the OMR sheet provided. No overwriting should be done.

Time: 20 Minutes

(20 x 1 = 20 MARKS)

1. Which one of the following sinus DOES NOT open into the middle meatus of the nose?

- a) Maxillary
- b) Anterior ethmoid
- c) Middle ethmoid
- d) Posterior ethmoid

2. At which vertebral level does the subarachnoid space end in an adult?

- a) L1
- b) L3
- c) S1
- d) S2

3. The maternal part of the placenta develops from which one of the following?

- a) Decidua capsularis

- b) Decidua parietalis
- c) Decidua basalis
- d) Chorion frondosum

4. Which of the following is an example of dense regular connective tissue?

- a) Dermis
- b) Adipose
- c) Bone
- d) Tendon

5. What type of bone is a metacarpal?

- a) Modified long
- b) Long
- c) Short
- d) Miniature long

6. Winging of the scapula occurs due to paralysis of:

- a) Serratus anterior
- b) Levator scapulae
- c) Rhomboid major
- d) Latissimus dorsi

7. The following are openings in the right atrium, except:

- a) Superior vena cava
- b) Inferior vena cava
- c) Azygos vein

d) Coronary sinus

8. The primary center of ossification appears in:

- a) Epiphysis
- b) Diaphysis
- c) Metaphysis
- d) Epiphyseal plate

9. The following are branches of the 3rd part of the axillary artery, EXCEPT:

- a) Anterior circumflex humeral
- b) Posterior circumflex humeral
- c) Subscapular
- d) Suprascapular

10. Non-keratinized stratified squamous epithelium is present in:

- a) Gall bladder
- b) Duodenum
- c) Trachea
- d) Oesophagus

11. Which of the following cells of the epidermis is part of the immune system?

- a) Keratinocyte
- b) Melanocyte
- c) Langerhans cell
- d) Merkel's cell

12. The "Purkinje cells" are found in:

- a) Pons
- b) Medulla
- c) Cerebellum
- d) Cerebrum

13. The lesser petrosal nerve passes through:

- a) Foramen rotundum
- b) Foramen ovale
- c) Canaliculus innominatus
- d) Foramen spinosum

14. All the following structures pass through the carpal tunnel, except:

- a) Tendons of flexor digitorum superficialis
- b) Tendon of flexor digitorum profundus
- c) Tendon of flexor carpi radialis
- d) Tendon of flexor pollicis longus

15. The pyriform fossa is located in:

- a) Oropharynx
- b) Nasopharynx
- c) Laryngopharynx
- d) Hypopharynx

16. The tunica adventitia is thickest in which of the following blood vessels?

- a) Large-sized artery

- b) Large-sized vein
- c) Medium-sized artery
- d) Arteriole

17. In the movement of flexing the elbow joint, the biceps brachii acts as:

- a) Synergist
- b) Antagonist
- c) Fixator
- d) Prime mover

18. The ligament of Berry fixes the thyroid gland to:

- a) Arytenoid cartilage
- b) Hyoid bone
- c) Cricoid cartilage
- d) Conus elasticus

19. The thyroid follicle is lined by:

- a) Squamous epithelium
- b) Columnar epithelium
- c) Cuboidal epithelium
- d) Transitional epithelium

20. A 20-year-old swimmer with otitis media presents with a loss of taste sensation. Which nerve is likely to be affected?

- a) Vagus
- b) Chorda tympani
- c) Lingual

d) Glossopharyngeal

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