

**Q.P. CODE:M102A010****Dr YSR UNIVERSITY OF HEALTH SCIENCES: VIJAYAWADA- 520008**

**MBBS DEGREE EXAMINATION - MARCH,  
2024 FIRST M.B.B.S. EXAMINATION  
HUMAN ANATOMY – PAPER-I (SET-B)  
(Multiple Choice Questions)**

**Time: 20 Minutes****Max Marks: 20****Note: Answer all questions.**

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**SECTION-I (MCQs - 20 MARKS)****1 X2 = 20**

1. Root value of axillary nerve

- a) C5, C6
- b) C5, C6, C7
- c) C6, C7, C8
- d) C5–T1

2. Hairpin loops of the nutrient artery are observed in which of the following body parts of a long bone?

- a) Epiphysis
- b) Metaphysis
- c) Diaphysis
- d) Periosteum

3. Which of the following is a multipennate muscle?

- a) Flexor pollicis longus
- b) 1st lumbrical of hand

- c) Acromial fibers of deltoid
  - d) Pectoralis major
4. Which among the following bones violates the law of union of epiphyses? a) Radius
- b) Ulna
  - c) Tibia
  - d) Fibula
5. 1<sup>st</sup> carpometacarpal joint belongs to which of the following varieties?
- a) Hinge joint
  - b) Ellipsoidal joint
  - c) Pivot joint
  - d) Saddle joint
6. All of the following muscles are supplied by the hypoglossal nerve except: a) Styloglossus
- b) Hyoglossus c)
  - Palatoglossus d)
  - Genioglossus
7. Ape thumb deformity is due to injury of which of the following nerves?
- a) Radial nerve
  - b) Ulnar nerve
  - c) Median nerve
  - d) Axillary nerve
8. Palmar metacarpal arteries are branches from
- a) Deep palmar arch
  - b) Superficial palmar arch
  - c) Dorsal carpal arch

d) Palmar carpal arch

9. What is the function of area no. 6 of the cerebral hemisphere? a) Speech

b) Vision

c) Writing

d) Hearing

10. Which among the following is a complete sulcus of the brain? a) Collateral sulcus

b) Lateral sulcus

c) Central sulcus

d) Parieto-occipital sulcus

11. Medial lemniscal fibers do reach which of the following nuclei of the thalamus?

a) Dorsomedial

b) Anterior

c) Ventral posterolateral

d) Ventral posteromedial

12. Corticospinal fibers pass through which of the following parts of the internal capsule?

a) Anterior limb

b) Genu

c) Posterior limb

d) Retro lentiform part

13. Which of the following branches of the radial nerve is given in the axilla? a) Lower lateral cutaneous nerve of arm

b) Branch to the long head of the triceps

c) Branch to anconeus

d) Posterior cutaneous nerve of forearm

14. Oval window of the middle ear is closed by which of the following?

a) Secondary tympanic membrane

b) Foot plate of stapes

c) Handle of malleus d)

Short process of incus

15. All the following muscles of the eyeball are supplied by the oculomotor nerve except:

a) Superior rectus

b) Inferior rectus

c) Medial rectus

d) Lateral rectus

16. Which of the following structures passes through foramen spinosum?

a) Nervus spinosus

b) Lesser petrosal nerve

c) Greater petrosal nerve

d) Mandibular division of trigeminal nerve

17. The protoplasmic processes of osteocytes are present in

a) Lacunae

b) Lamellae

c) Canaliculi

d) Haversian canal

18. Which of the following fibers are present in hyaline cartilage? a) Elastic fibers

b) Reticular fibers

c) Collagen fibers

d) Muscle fibers

19. The epithelium that allows distension in an organ

is a) Squamous epithelium

b) Transitional epithelium

c) Cuboidal epithelium d)

Columnar epithelium

20. All of the following structures pass through petrotympanic fissures except

a) Anterior ligament of malleus

b) Anterior tympanic artery

c) Chorda tympani nerve d)

Auriculotemporal nerve

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