



PO-7791

Seat No. _____

First Year B. P. T. Examination

July - 2018

Human Anatomy

(Old Course)

Time : 3 Hours]

[Total Marks : 100

- Instructions :** (1) Write section I and II in separate answer sheets.
(2) Draw diagrams wherever necessary.
(3) Figures in right indicate marks.

SECTION – I

- 1 Write any two :** **20**
(a) Elbow Joint.
(b) Biceps Brachii muscle.
(c) Ulnar nerve.
- 2 Write short notes on :** **10**
(a) Muscles of Soft Palate **OR** Sterno-cleido-mastoid muscle.
(b) CSF circulation **OR** Floor of 4th Ventricle.
- 3 Write in short : (any five)** **10**
(a) What is Epithelium? Give Example of simple squamous epithelium.
(b) What is Osteon ?
(c) Write the histological difference between the Skeleton muscle and Smooth muscle.
(d) Enumerate the ligaments of Temporo-madibular joint.
(e) Name the branches of External carotid artery.
(f) Give examples of Fibro-cartilage present in our body.

4 Choose the correct answer :

10

- (1) Brachialis is supplied by -
 - (A) Radial and Ulnar nerve
 - (B) Median and musculocutaneous nerve
 - (C) Radial and musculocutaneous nerve
 - (D) Radial and Median nerve
- (2) Which structure does not pass through the carpal Tunnel ?
 - (A) Median nerve
 - (B) Radial bursa
 - (C) Ulnar bursa
 - (D) Ulnar nerve
- (3) Superior colliculi are associated with -
 - (A) Visual pathway
 - (B) Auditory pathway
 - (C) Olfactory pathway
 - (D) Sensory pathway
- (4) Safety muscle of tongue is -
 - (A) Hyoglossus
 - (B) Palatoglossus
 - (C) Genioglossus
 - (D) Styloglossus
- (5) Myelin sheath in the central nervous system is formed by -
 - (A) Schwann cell
 - (B) Microglia
 - (C) Oligodendrocytes
 - (D) Protoplasmic astrocytes
- (6) Through which part of internal capsule does auditory pathway pass -
 - (A) Anterior limb
 - (B) Posterior limb
 - (C) Retrolentiform part
 - (D) Sublentiform part
- (7) Uterus is lined by _____ epithelium -
 - (A) Stratified squamous
 - (B) Cuboidal
 - (C) Ciliated columnar
 - (D) Transitional
- (8) Cell forming collagen fibres in connective tissue is -
 - (A) Fibroblasts
 - (B) Pigment cells
 - (C) Plasma cells
 - (D) Monocytes
- (9) Which of the following is a traction epiphysis ?
 - (A) Tibial condyles
 - (B) Trochanter of femur
 - (C) Coracoid process of scapula
 - (D) Head of femur
- (10) Arrangement coverings on peripheral nerve from inner to outer ?
 - (A) Endoneurium, Epineurium, Perineurium
 - (B) Endoneurium, Perineurium, Epineurium
 - (C) Perineurium, Endoneurium, Epineurium
 - (D) Epineurium, Endoneurium, Perineurium

SECTION – II

- 5** Write any **two** : **20**
- (a) Hamstring muscles.
 - (b) Gastrocnemius muscle.
 - (c) Femoral triangle.
- 6** Write short notes on : **10**
- (a) External oblique muscle **OR** Levator ani muscle.
 - (b) Muscles of respiration **OR** Interior of Right Atrium.
- 7** Write any **five** : **10**
- (a) Gastrulation.
 - (b) Development of Synovial joint.
 - (c) What is fertilization? Enumerate the effects of fertilization.
 - (d) Action and nerve supply of Rectus femoris muscle.
 - (e) Difference between small and large intestine.
 - (f) Write the types of sutures with its example.
- 8** Choose the correct answer : **10**
- (1) Popliteus muscle forms the _____ of Popliteal fossa.
 - (A) Roof (B) Floor
 - (C) Upper boundary (D) Lower boundary
 - (2) _____ is the extensor of the knee.
 - (A) Biceps femoris (B) Quadriceps
 - (C) Sartorius (D) Semi membranous
 - (3) Ejaculatory duct opens into
 - (A) Membranous urethra (B) Prostatic urethra
 - (C) Penile urethra (D) Seminal vesicles
 - (4) McBurney's point is related to
 - (A) Caecum (B) Duodenum
 - (C) Ascending colon (D) Appendix

- (5) Following is an important landmark for counting the ribs :
- (A) Sternal angle (B) Jugular notch
(C) Tip of xiphoid process (D) Xiphisternal joint
- (6) Foreign body aspiration most commonly enters -
- (A) Right main bronchus (B) Left main bronchus
(C) Can enter both equally (D) None of the above
- (7) The cartilage of the second arch form the following EXCEPT
- (A) Stapes (B) Styloid process
(C) Stylohyoid ligament (D) Mandible
- (8) Limb-buds appears on -
- (A) 1st week (B) 2nd week
(C) 3rd week (D) 4th week
- (9) Which is FALSE for anatomical position -
- (A) Body in supine position
(B) Arms by the side of the body
(C) Eyes looking straight
(D) Palms facing forward
- (10) Pre-axial border of the limb is -
- (A) Ulnar border of forearm
(B) Fibular border of leg
(C) Radial border of forearm
(D) None of the above
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