



BRAINWARE UNIVERSITY

Term End Examination 2023-2024

Programme – B.Sc.(PA)-2023

Course Name – Human Anatomy-Part I

Course Code - BPAC101

(Semester I)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) alternative name of midbrain is
- | | |
|--------------------|------------------|
| a) prosencephalon | b) mesencephalon |
| c) rhombencephalon | d) metencephalon |
- (ii) connective tissue around individual muscle.
- | | |
|---------------|---------------|
| a) perimysium | b) endomysium |
| c) epimysium | d) none |
- (iii) identify the correct option for cardiac muscle
- | | |
|-----------------------------|---------------------------|
| a) striated | b) non striated |
| c) striated and involuntary | d) striated and voluntary |
- (iv) incus is located in
- | | |
|------------------|------------------|
| a) larynx | b) base of skull |
| c) pelvic girdle | d) middle ear |
- (v) define the structure which give rise to falx cerebri
- | | |
|--------------------|----------------|
| a) pia mater | b) dura mater |
| c) arachnoid mater | d) white mater |
- (vi) cite the location of heart
- | | |
|-------------------------|--------------------------|
| a) middle mediastinum | b) superior mediastinum |
| c) anterior mediastinum | d) posterior mediastinum |
- (vii) cite the correct location of hyaline cartilage
- | | |
|---|---------------------|
| a) outer ear | b) costal cartilage |
| c) around the articulating ends of bone | d) pubic symphysis |
- (viii) identify the structure formed by the pia mater at the end of the spinal cord
- | | |
|--------------------|--------------------|
| a) conus medularis | b) filum terminale |
| c) cauda equina | d) lumbar cistern |
- (ix) select the name of the foramen where medulla continues as spinal cord
- | | |
|--------------------|-----------------------|
| a) foramen of lusk | b) foramen of magendi |
|--------------------|-----------------------|

- c) foramen magnum
 (x) identify the thickest chamber of heart
 a) rt ventricle
 c) left ventricle
 (xi) write the name of the muscle which divide the neck into anterior and posterior triangle
 a) pectoralis major
 c) trapezius
 (xii) choose the name of the muscle which is found in hip
 a) gluteus maximus
 c) sternocleidomastoid
 (xiii) choose the structure which separates thoracic cavity from abdominal cavity
 a) diaphragm
 c) false ribs
 (xiv) Name the muscle which is not included in the outer layer of thoracic wall?
 a) Levator Scapulae
 c) Pectoralis Major
 (xv) What is the position of jugular notch? Identify the correct option
 a) At the level of lower border of T1 Vertebrae
 c) At the level of the lower border of T2 vertebrae
 d) jugular foramen
 b) left atrium
 d) rt atrium
 b) sternocleidomastoid
 d) latissimus dorsi
 b) teres major
 d) trapezius
 b) iliac crest
 d) xiphoid process
 b) Latismus Dorsi
 d) Transversus Thorasis
 b) At the level of upper border of T2 vertebrae
 d) None of these

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Write a short note on the area of superficial cardiac dullness (3)
 3. write about origin, insertion, nerve supply of serratus anterior? (3)
 4. Write a short note on Writer's cramp (3)
 5. write about the cerebellum with diagram? (3)
 6. .write about origin and branches of right and left coronary artery? (3)

OR

write about origin, termination, course, branches of abdominal aorta and thoracic aorta with diagram? (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. Explain the features seen in a cross section of spinal cord with proper diagram (5)
 8. Give a broad classification of the human nervous system, with proper diagram (5)
 9. Explain the formation, movement & nerve supply pf elbow joint (5)
 10. How will you going to classify the venous drainage of cerebrum- Explain with diagram. (5)
 11. Explain the Relation of Superior vena Cava with a clear demarketed diagram (5)
 12. What is cardiac plexus? How will you going to classify the branches of deep cardiac plexuses? (5)

OR

Illustrate the formation of deep cardiac Plexus with clearly demarketed diagram (5)
