



Abhinav Bindra Sports Medicine and Research Institute
BPT 2nd Semester 1st Internal Examination

Date: 06.01.2025

Subject: Human Anatomy

Time: 9:00am – 12:00 noon

F.M. – 80

Illustrate the answer with a diagram wherever relevant/required

Q1 Long question (Answer any one out of two)

1X15

15

- a) a) Classify types of human joints with example?
- b) b) Name the bones and ligaments forming the knee joint. Describe the locking and unlocking mechanism of knee joint.

5+10

Q2 Long question (Answer any one out of two)

1X15

- a) What is Circle of Willis? Describe the arterial supply of the superolateral surface of cerebral hemisphere.
- b) Name the arteries arising from the ascending aorta. Give the course & branches of the supply of these arteries.

7+8

3+6+6

Q3 Long question (Answer any one out of two)

1X15

- a) Describe origin, course, relation, branches and clinical aspects of ulnar nerve?
- b) Describe the brachial plexus under origin, course, relation and applied anatomy?

15

15

Q4 Short questions (Answer any two out of three)

2X5

- a) Describe the floor of fourth ventricle?
- b) Describe conduction of the heart along with the labelled diagram?
- c) List out the names of cranial nerve and its function?

Q5 Short questions (Answer any two out of three)

2x5

- a) Describe the rotator cuffs of shoulder?
- b) Describe femoral triangle?
- c) Define supination and pronation?

Q6 Short questions (Answer any two out of three)

2X5

- a) Anatomical basis of wrist drop
- b) Anatomical basis of Trendelenburg sign
- c) Discuss on Cadaver as first teacher of anatomy?

Q7 Objective type

5X1

- a) Which nerve injury lead to winging of scapula?
- b) Root of suprascapular nerve?
- c) Which one is the largest organ of human body?
- d) Which plane divided the body in right and left?
- e) Example of short type bone?