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First BPTH (2012) Examination, Summer
(Phase - III All Other Remaining UG/PG Courses - 2020)
HUMAN ANATOMY - I

Total Duration : Section A + B = 3 Hours

Total Marks : 80

SECTION - A & SECTION - B

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answer book for all sections.

SECTION - "A" SAQ (50 Marks)

1. Short answer question (any five out of six) : [5 × 3 = 15]
- a) Auxillary Nerve.
 - b) Lymphatic drainage of stomach.
 - c) Enumerate branches of femoral artery.
 - d) Draw and label 'Typical Synovial Joint'.
 - e) Enumerate muscles of tongue.
 - f) The Biceps Brachii muscle.

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[5 × 7 = 35]

2. Short answer question (any five out of six) :

- a) Muscles of mastication.
- b) Inversion and Eversion.
- c) T.S. of midbrain at the level of superior colliculus.
- d) Auxilla - Boundaries, Contents and applied anatomy.
- e) Interior of right atrium.
- f) Typical intercoastal space.

SECTION - "B" LAQ (30 Marks)

3. Long answer question (any one out of two) :

[1 × 15 = 15]

a) Describe the wrist joint under the following headings :

- i) Type and Articular surfaces [3]
- ii) Ligaments. [3]
- iii) Movements & Muscles. [6]
- iv) Applied Anatomy. [3]

b) Describe the Hip joint under the following headings :

- i) Type and subtype. *highly stable jt.* [1]
- ii) Articular surfaces. *glenoidal labrum, acetabulum* [2]
- iii) Ligaments. *Capsular, transv., Ischiofem., Pubo* [3]
- iv) Movements & Muscles. *lip emd 2 glenoidal labrum* [6]
- v) Applied Anatomy. [3]

*Coxa vara
Coxa valgus*

4. Long answer question (any one out of two):

[1 × 15 = 15]

(a) Describe the Superolateral surface of cerebral hemisphere under the following headings:

i) Sulci and gyri. [5]

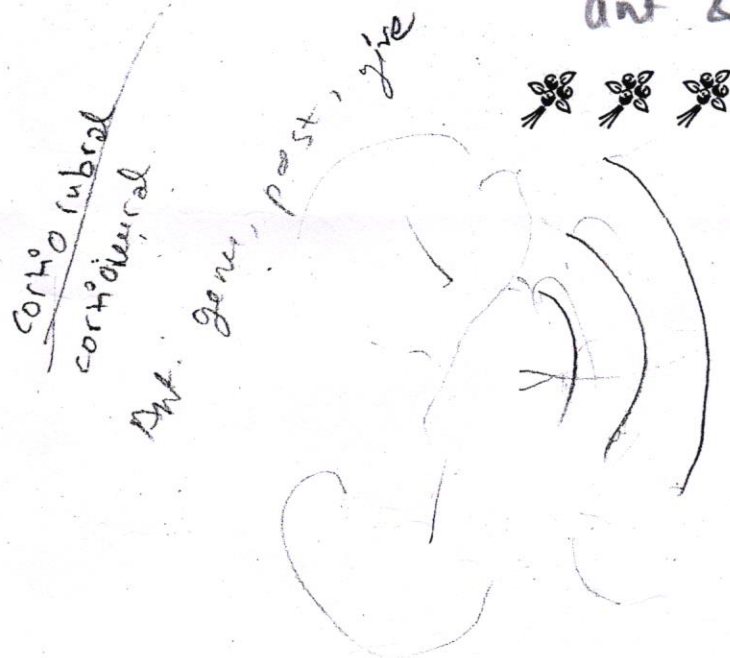
ii) Functional areas. [5]

iii) Blood Supply. - Carotid artery which arise at the point in neck where common carotid arteries bifurcate & vertebral arteries. [3]

iv) Applied Anatomy. [2]

b) Describe the internal capsule and add a note on its applied anatomy.

The int. carotid arteries branch form. 2 major cerebral arteries ant & middle cerebral arteries [15]





First B.P.T.H. (2012) Examination, Summer - 2021
HUMAN ANATOMY

Total Duration : Section A+B = 3 Hours

Total Marks : 80

SECTION - A & SECTION - B

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 - 3) All questions are compulsory.
 - 4) The number to the right indicates full marks
 - 5) Draw diagrams wherever necessary
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 - 7) Use a common answer book for all sections

SECTION "A" (SAQ) (50 Marks)

1. Short answer question (any five out of six): [5 × 3 = 15]
 - a) Mention the parts and blood supply of the uterine tube.
 - b) Enumerate the branches of axillary artery.
 - c) Anterior relations of the right kidney
 - d) Classification of cartilaginous joints.
 - e) Enumerate the extraocular muscles and mention their nerve supply.
 - f) Histology of skeletal muscle

2. Short answer question (any five out of six): [5 × 7 = 35]
 - a) Attachments, actions and nerve supply of the intercostal muscles.
 - b) Cubital fossa.
 - c) Movements of temporomandibular joint.
 - d) Morphology and relations of thyroid gland.
 - e) External and internal features of right atrium of heart.
 - f) Medial longitudinal arch of foot.

First B.P.T.H. (2012) Examination, Phase - II Summer - 2022
HUMAN ANATOMY



Total Duration : 3 Hours

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 - 3) All questions are **compulsory**.
 - 4) The number to the **right** indicates **full marks**.
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SECTION "A" SAQ (50 Marks)

Short answer question (any five out of six) :

[5 × 3 = 15]

- a) Enumerate Extra ocular muscles
- b) Define Transitional epithelium. Draw a diagram depicting it. Specify sites where it is found.
- c) Enumerate the supports of uterus
- d) Specify the bare areas of liver. Explain their importance.
- e) List the posterior relations of kidney.
- f) Classify Synovial Joints on the basis of number of axes of movements and give examples of each.

Short answer question (any five out of six) :

[5 × 7 = 35]

- a) Describe Broncho-pulmonary segments. Add a note on its applied anatomy
- b) Describe the Rotator cuff muscles

- c) Describe boundaries and contents of Adductor canal
- d) Describe the origin, insertion, nerve supply and actions of Soleus. Explain why it is called "Peripheral Heart"
- e) Describe the boundaries and contents of Carotid Triangle
- f) Describe the boundaries and contents of carpal tunnel. Explain carpal tunnel syndrome

SECTION "B" LAQ (30 Marks)

Long answer question (any one out of two) :

[1 × 15 = 15]

- a) Describe knee joint under following heads
- Type and formation [3]
 - Ligaments [4]
 - Movements and muscles producing movement [3]
 - Locking and unlocking [3]
 - Applied anatomy [2]
- b) Describe Radial Nerve under following heads
- Formation and root value [3]
 - Course and distribution [3]
 - Branches [6]
 - Applied anatomy [3]

Long answer question (any one out of two) :

[1 × 15 = 15]

- a) Describe the superolateral surface of Cerebral Cortex under following heads
- Sulci and gyri [4]
 - Functional areas [4]
 - Blood supply [4]
 - Applied anatomy [3]
- b) Describe Glossopharyngeal nerve under following heads
- Nuclei and functional components [4]
 - Course and distribution [3]
 - Branches [6]
 - Applied anatomy [2]

SECTION "B" (I.AQ) (30 Marks)

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3. Long answer question (any one out of two):

[1 × 15 = 15]

a) Describe the ulnar nerve under the following heads:

- i) Course and relations,
- ii) Distribution and branches,
- iii) Clinical anatomy.

b) Describe hip joint under the following heads:

- i) Type and articular surfaces,
- ii) Fibrous capsule and ligaments,
- iii) Movements and muscles producing movements,
- iv) Applied anatomy.

4. Long answer question (any one out of two)

[1 × 15 = 15]

a) Describe the facial nerve under following heads:

- i) Functional components and nuclei,
- ii) Course and relations,
- iii) Branches and distribution,
- iv) Clinical anatomy.

b) Describe the superolateral surface of cerebral hemisphere under the following heads:

- i) Sulci and gyri,
- ii) Functional areas,
- iii) Blood supply.

First B.P.TH. (2012) Examination, Summer - 2023 (Phase I)
HUMAN ANATOMY



Total Duration : 3 Hours

Total Marks : 80

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Section "A" SAQ (50 Marks)

1. Short answer question (any five out of six) : [5 × 3 = 15]
- a) Enumerate the branches of Axillary artery
 - b) Enlist differences between right and left lungs
 - c) Enumerate the extra ocular muscles of eyeball with their nerve supply
 - d) Enumerate the muscles forming the rotator cuff with their nerve supply
 - e) Enumerate the anterior and posterior relations of Right kidney
 - f) Enlist features of skeletal muscle

2. Short answer question (any five out of six) :

- a) First carpometacarpal joint of the thumb
- b) Boundaries and contents of popliteal fossa
- c) Brachialis muscle
- d) Right ventricle
- e) Psoas Major
- f) Differences of small and large intestines

Section "B" LAQ (30 Marks)

3. Long answer question (any one out of two) :

[1 × 15 = 15]

a) Describe the Wrist joint under the following headings

- i) Type of joint and ligaments [5]
- ii) Movements of joint and muscles acting [5]
- iii) Relations [3]
- iv) Applied anatomy [2]

b) Describe the Hip joint under the following headings

- i) Type of joint and ligaments [5]
- ii) Movements of joint and muscles acting [5]
- iii) Relations [3]
- iv) Applied anatomy [2]

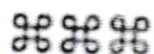
4. Long answer question (any one out of two) :

[1 × 15 = 15]

a) Describe the Hypoglossal nerve under the following headings

- i) Nucleus [3]
- ii) Intracranial course [3]
- iii) Extracranial course [3]
- iv) Branches [3]
- v) Applied anatomy [3]

- b) Describe the superolateral surface of cerebral hemisphere(cerebrum) under the following headings;
- | | |
|----------------------|-----|
| i) Sulci and gyri | [5] |
| ii) Functional areas | [4] |
| iii) Blood supply | [3] |
| iv) Applied anatomy | [3] |



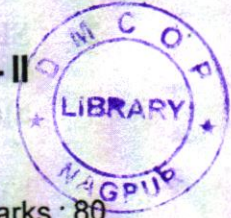
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First B.P.TH. (2012) Examination, Summer - 2025 Phase - II

HUMAN ANATOMY



Total Duration : 3 Hours

Total Marks : 80

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 - 7) Use a common answerbook for **all sections.**

SECTION-A (SAQ) (50 Marks)

1. Short Answer Questions (Solve any 5 out of 6): [5×3=15]

- a) Mention the arterial supply of stomach.
- b) Enumerate cardinal features of large intestine. Mention the peritoneal folds attached to it.
- c) Enumerate the layers of scalp.
- d) Enumerate the muscles of the perinael body.
- e) Draw a well labelled diagram of mediastinal surface of right lung.
- f) Enumerate the boundaries and contents of anatomical snuff box.

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P.T.O.

2. Short Answer Questions (Solve any 5 out of 6):

[5×7=35]

- a) Posterior triangle of neck- boundaries, contents & applied.
- b) Describe Medial longitudinal arch- formation, factors supporting & applied.
- c) Mechanism of respiration.
- d) Rotator cuff of shoulder joint.
- e) Transverse section of medulla oblongata at pyramidal decussation.
- f) Describe the blood supply of bones.

SECTION-B LAQ (30 Marks)

3. Long Answer Questions (Solve any 1 out of 2):

[1×15=15]

- a) Describe the median nerve under the following heads
 - i) Origin and root value [3]
 - ii) Course [4]
 - iii) Branches and distribution [4]
 - iv) Applied anatomy [4]
- b) Describe the hip joint under the following heads
 - i) Type of joint and articular surfaces [3]
 - ii) Capsule and ligaments [3]
 - iii) Relations [3]
 - iv) Movements and muscles producing them [3]
 - v) Applied anatomy [3]

4. Long Answer Questions (Solve any 1 out of 2)

[1×15=15]

- a) Mention the surfaces, borders & lobes of cerebrum. [3]

Describe the superolateral surface of the cerebrum under the following heads.

- i) Sulci & gyri [3]

- ii) Blood supply [2]

- iii) Functional areas [4]

- iv) Applied anatomy [3]

- b) Give the classification of dural venous sinuses. [3]

Describe the cavernous sinus under the following heads

- i) Location [2]

- ii) Relations [3]

- iii) Tributaries and connections [4]

- iv) Applied anatomy [3]

