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First B.P.Th. (2012) Examination, Winter - 2020
HUMAN ANATOMY

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 answerbook for **all** sections.

SECTION - A (SAQ) (50 Marks)

1. Short answer question (any five out of six) : [5 × 3 = 15]
- a) Write Blood supply of liver.
 - b) Enumerate structures present in Right Atrium.
 - c) Enumerate structures present in superior mediastinum.
 - d) Enumerate relations of Right Kidney.
 - e) Write blood supply of testis.
 - f) Write any 3 point of differentiation between Right and Left Lungs.

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[5 × 7 = 35]

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

- a) Enumerate structures under cover of Deltoid muscle.
- b) Enumerate contents of femoral triangle.
- c) Enumerate muscular boundaries of carotid triangle,
- d) Write nerve supply and action of Trapezius muscle.
- e) Write short note on supination and pronation.
- f) Medial longitudinal arch of foot.

SECTION - B (LAQ) (30 Marks)

3. Long answer question (any one out of two) : [1 × 15 = 15]

- a) Describe the shoulder joint in details.
- b) Describe movements of mandible and muscles producing it.

4. Long answer question (any one out of two) : [1 × 15 = 15]

- a) Describe parts, fibers and functions of internal capsule.
- b) Describe Course, relations and branches of facial nerve.



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First B.P.T.H. (2012) Examination, (Phase - III) Winter - 2021
HUMAN ANATOMY - I

Total Duration : 3 Hours

Total Marks : 80

- Instructions :**
- 1) Use blue/black ball point pen only.
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 - 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) Draw a well labelled diagram mediastenal surface left lung.
 - b) Write openings present in Right Atrium.
 - c) Write blood supply of Liver.
 - d) Anterior relations left kidney.
 - e) Rotator cuff shoulder joint.
 - f) Write applied anatomy of Facial nerve.

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[5 × 7 = 35]

2. Short answer question (**any five** out of six) :
- Write short note on functions of hypothalamus.
 - Describe connections of Cerebellum.
 - Nerve supply tongue.
 - Describe in short important sulci and gyri of cerebrum.
 - Enumerate and describe branches of Mandibular nerve.
 - Describe course and termination of Sciatic nerve.

SECTION "B" LAQ (30 Marks)

3. Long answer question (**any one** out of two) : [1 × 15 = 15]

- Describe elbow joint under
 - Type and articular surfaces
 - Ligaments
 - Relations
 - Blood and Nerve supply
 - Applied anatomy.
- Describe cerebellum under
 - Morphology
 - Nuclei
 - Connections
 - Functions
 - Applied.

4. Long answer question (**any one** out of two) : [1 × 15 = 15]

- Describe Hip joint under
 - Type and articular surfaces
 - Ligaments
 - Relations
 - Blood and Nerve supply
 - Applied anatomy.
- Describe Hypoglossal nerve with applied anatomy in detail.



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First B.P.TH. (2012) Examination, Winter - 2022
HUMAN ANATOMY

Total Duration : 3 Hours

Total Marks : 80

- 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) Enumerate the branches of external carotid artery.
 - b) Mention the structures forming the stomach bed.
 - c) Enumerate supports of the uterus.
 - d) Classification of synovial joints.
 - e) Histology of hyaline cartilage.
 - f) Features of medial wall of middle ear.

2. **Short answer question (any five out of six) :** [5 × 7 = 35]
 - a) Boundaries and contents of superior mediastinum.
 - b) Locking and unlocking of the knee joint.

- c) Popliteal fossa.
 d) Bronchopulmonary segments of left lung.
 e) Sternocleidomastoid muscle.
 f) Course, relations and branches of axillary nerve.

SECTION - "B" (LAQ) (30 Marks)

3. Long answer question (any one out of two) : [1 × 15 = 15]

- a) Describe Gluteus maximus muscle under the following heads :
- Attachments
 - Actions
 - Nerve supply
 - Structures under cover of gluteus maximus.
- b) Describe shoulder joint under the following heads :
- Type and articular surfaces
 - Fibrous capsule and ligaments
 - Movements and muscles producing movements
 - Applied anatomy.

4. Long answer question (any one out of two) : [1 × 15 = 15]

- a) Describe the glossopharyngeal nerve under the following heads:
- Functional components and nuclei
 - Course and relations
 - Branches and distribution
 - Clinical anatomy.
- b) Describe cerebellum under the following heads :
- External features
 - Cerebellar nuclei
 - Cerebellar peduncles and connections
 - Functions
 - Clinical anatomy



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First B.P.TH. (2012) Examination, (Phase - III) Winter - 2023
HUMAN ANATOMY

Total Duration : Section A + B = 3 Hours

Total Marks : 80

SECTION - A & SECTION - B

- Instructions :**
- 1) Use **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 answerbook for **all** sections.

SECTION "A" SAQ (50 Marks)

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

[5×3=15]

- a) Draw neat and labelled diagram of anterior relations of Right kidney.
- b) Enlist the arteries supplying the stomach
- c) Enumerate the coverings of Spermatic cord
- d) Enumerate neuroglial cells
- e) Draw and label a diagram depicting microanatomy of longitudinal section of skeletal muscle
- f) Enumerate the layers of Cornea

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[5×7=35]

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

- ✓ a) Describe the boundaries and contents of cubital fossa.
- ✓ b) Describe dorsiflexors of the foot. Add a note on Foot drop.
- ✓ c) Describe the structures under cover of Gluteus Maximus.
- ✓ d) Explain the relations of Mediastinal surface of both lungs
- ✓ e) Draw and label a diagram depicting the brachial plexus. Explain anatomical basis of Klumpke's palsy
- ✓ f) Describe the origin, course, branches and termination of the Right Coronary Artery. Add a note on its applied anatomy.

SECTION "B" LAQ (30 Marks)

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

[1×15=15]

- ✓ a) Describe Shoulder joint under following heads
 - ✓ i) Type and formation [2]
 - ✓ ii) Ligaments and support [3]
 - ✓ iii) Relations [3]
 - ✓ iv) Movements and muscles producing movement [4]
 - ✓ v) Applied anatomy [3]
- b) Describe Femoral Triangle under following heads
 - i) Boundaries [3]
 - ii) Contents [6]
 - iii) Femoral Sheath and Femoral Canal [4]
 - iv) Applied anatomy [2]



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[1×15=15]

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

a) Describe Cerebellum under following heads

- ✓ i) Parts [3]
- ✓ ii) Connections [4]
- ✓ iii) Functions [3]
- ✓ iv) Blood supply [2]
- ✓ v) Applied anatomy [3]

b) Describe Fascial nerve under following heads

- i) Nuclei and functional components [4]
- ii) Course and distribution [4]
- iii) Branches [3]
- iv) Applied anatomy [4]



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First B.P.TH. (2012) Examination, Winter - 2024 Phase - III
HUMAN ANATOMY

Total Duration : 3 Hours

Total Marks : 80

- Instructions :**
- 1) Use **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 answerbook for all sections.

SECTION - A (50 Marks)

1. Short Answer Questions (Solve any 5 out of 6) : [5 × 3 = 15]
 - a) Mention the major openings in the thoracoabdominal diaphragm with their vertebral levels and structures passing through them.
 - b) Enumerate the posterior relations of kidney.
 - c) Enumerate the extraocular muscles with their nerve supply.
 - d) Give classification of white fibers of cerebrum with example of each.
 - e) Enumerate the structures forming the stomach bed.
 - f) Enumerate boundaries and contents of cubital fossa.

2. Short Answer Questions (Solve any 5 out of 6) : [5 × 7 = 35]
 - a) Describe the quadriceps muscles- Attachments, nerve supply and actions
 - b) Describe the hypoglossal nerve- Functional components, course and distribution. [3 + 4]
 - c) What is joint? Give classification of synovial joints with example of each.
 - d) Write in brief about bronchopulmonary segments of lung with its clinical importance.

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- e) Write in brief about internal features of the right atrium of heart and structures opening into it. [5 + 2]
- f) Write in brief about supination and pronation movements.

SECTION - B (30 Marks)

3. Long Answer Question (Solve any 1 out of 2) : [1 × 15 = 15]
- a) Mention the boundaries and contents of axilla. [3]
- Describe the brachial plexus under the following heads
- i) Formation and parts [4]
- ii) Branches [4]
- iii) Applied aspect [4]
- b) Describe venous drainage of the lower limb under the following heads
- i) superficial and deep veins - course and tributaries [6]
- ii) Perforators [3]
- iii) Factors helping in venous return [3]
- iv) Applied anatomy [3]

4. Long Answer Questions (Solve any 1 Out of 2) : [1 × 15 = 15]
- a) Describe the tongue under the following heads
- i) Morphology [3]
- ii) Muscles [3]
- iii) Nerve supply [3]
- iv) Lymphatic drainage [3]
- v) Applied anatomy [3]
- b) Describe the cerebellum under the following heads
- i) External features, anatomical & phylogenetic classification [4]
- ii) Enumerate the deep nuclei & cells of cerebellum [3]
- iii) Connections [4]
- iv) Applied anatomy [4]

