



63111

**First B.P.Th. (2012) Examination, Winter 2018
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) Enumerate the branches of axillary artery.
 - b) Anterior relations of the left kidney.
 - c) Mention the parts and blood supply of uterine tube.
 - d) Classification of synovial joints.
 - e) Enumerate various positions of vermiform appendix.
 - f) Enumerate the contents of middle ear.

2. Short answer question (**any five** out of six) : **(5×7=35)**
 - a) Popliteal fossa
 - b) Supports of Uterus
 - c) Boundaries and contents of carotid triangle.
 - d) Opening in thoracoabdominal diaphragm.
 - e) Blood supply and relations of thyroid gland.
 - f) Origin, insertion, nerve supply, actions of brachioradialis muscle

P.T.O.



SECTION – B LAQ (30 Marks)

(1×15=15)

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

a) Describe hip joint under the following headings :

- i) Type
- ii) Articular surfaces and ligaments
- iii) Movements and muscles causing them
- iv) Applied anatomy

b) Describe shoulder joint under the following headings :

- i) Type
- ii) Articular surfaces and ligaments
- iii) Movements and muscles causing them
- iv) Applied anatomy.

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

(1×15=15)

a) Describe the lateral ventricle of brain under the following headings :

- i) Parts
- ii) Boundaries of each part
- iii) Applied anatomy.

b) Describe the facial Nerve under the following headings :

- i) Functional components
 - ii) Nuclei
 - iii) Course
 - iv) Branches
 - v) Clinical anatomy.
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SECTION – A (50 Marks)
(SAQ)

1. Short answer question (**any five** out of six) : (5×3=15)
- a) Abduction at Shoulder joint.
 - b) Pectoralis major.
 - c) Mention Boundaries and contents of Popliteal Fossa.
 - d) Right coronary artery.
 - e) Axillary Nerve.
 - f) Fibrocartilage.

P.T.O.



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

(5×7=35)

- a) Adductor canal.
- b) Supination and Pronation movements.
- c) Floor of Fourth Ventricle.
- d) Describe Typical intercostal space.
- e) Medial longitudinal arch.
- f) Femoral Nerve – formation, course, branches and applied anatomy.

SECTION – B (30 Marks)
(LAQ)

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

(1×15=15)

- a) Describe Mammary gland in Female under following heads
 - i) Situation
 - ii) Relation
 - iii) Blood supply
 - iv) Lymphatic drainage
 - v) Applied
- b) Describe the Knee joint in detail. Add a note on locking and unlocking of Knee joint.

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

(1×15=15)

- a) Describe the Hypoglossal nerve under following heads :
 - i) Nuclei and Functional components
 - ii) Course and Branches
 - iii) Applied anatomy
 - b) Describe Cerebellum under following heads :
 - i) Surfaces and lobes
 - ii) Vermis
 - iii) Blood supply
 - iv) Functions
 - v) Applied
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**First B.P.Th. (2012) Examination, Winter 2017
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SECTION – A (50 Marks)

SAQ

1. Short answer question (**any five** out of six) : **(5×3=15)**
 - a) Enumerate Muscles supplied by femoral nerve.
 - b) Enumerate branches of External carotid artery.
 - c) Sternocleidomastoid muscle.
 - d) Carpal tunnel syndrome.
 - e) Elastic cartilage.
 - f) Structures opening in Right atrium.

2. Short answer question (**any five** out of six) : **(5×7=35)**
 - a) Describe Boundaries and Contents of Popliteal Fossa.
 - b) The Posterior triangle of Neck -Boundaries, contents and applied.
 - c) Radial nerve.
 - d) Temporo Mandibular Joint - Movements and applied anatomy.
 - e) Femoral sheath.
 - f) Superior and Inferior Radioulnar Joint.

P.T.O.



SECTION – B (30 Marks)
LAQ

3. Long answer question (**any one** out of two) : (1×15=15)
- a) Describe the Shoulder Joint in detail.
 - b) Describe ankle joint as under A. Formation B. Ligaments C. Blood supply D. Movements E. Applied anatomy.
4. Long answer question (**any one** out of two) : (1×15=15)
- a) Describe Glossopharyngeal nerve with course, relations and branches.
 - b) Describe sulci and Gyri of superolateral, medial and inferior surfaces of cerebral hemisphere.
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 - 3) **All questions are compulsory**.
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SECTION – A
(SAQ)

(50 Marks)

1. Short answer question (**any five** out of six) : (5×3=15)
 - a) Name the structures forming stomach bed.
 - b) Enumerate the constituents of spermatic cord.
 - c) Enumerate the structures in the hilum of kidney.
 - d) Specify the nerve supply of the extraocular muscles of the eyeball.
 - e) Name the arteries supplying a long bone.
 - f) Enumerate the branches of arch of aorta.

2. Short answer question (**any five** out of six) : (5×7=35)
 - a) Specify the attachments, nerve supply and actions of hamstring muscles.
 - b) Explain the anatomical basis of deformity produced in Erb's paralysis.
 - c) Specify the commencement, course and termination of left coronary artery.
 - d) Specify the attachments, nerve supply and actions of sternocleidomastoid.
 - e) Describe the curvatures of vertebral column.
 - f) Specify the nerve supply and actions of interossei of hand.

P.T.O.

SECTION – B
(LAQ)

(30 Marks)

3. Long answer question (**any one** out of two) : (1×15=15)
- a) Describe the medial longitudinal arch of foot under the following headings :
- i) Formation
 - ii) Factors responsible for maintenance
 - iii) Functions
 - iv) Clinical aspects.
- b) Describe the median nerve under the following headings :
- i) Formation
 - ii) Course
 - iii) Distribution and branches
 - iv) Applied aspects.
4. Long answer question (**any one** out of two) : (1×15=15)
- a) Describe the internal capsule under the following headings :
- i) Parts
 - ii) Tracts passing through
 - iii) Blood supply
 - iv) Applied aspects.
- b) Describe the fourth ventricle of the brain. Add a note on CSF circulation.
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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) Enumerate the functions of skin.
 - b) Enumerate the supports of the uterus.
 - c) Enumerate the branches of external carotid artery.
 - d) Give differences between small intestine and large intestine.
 - e) Enumerate the extraocular muscles and mention their nerve supply.
 - f) Histology of the cardiac muscle.

2. Short answer question (**any five** out of six) : (5×7=35)
 - a) Boundaries and contents of axilla.
 - b) Sternocleidomastoid muscle
 - c) Bronchopulmonary segments of right lung.
 - d) Femoral nerve.
 - e) Boundaries and contents of superior mediastinum.
 - f) Lateral longitudinal arch of foot.

P.T.O.



SECTION – B LAQ (30 Marks)

3. Long answer question (**any one** out of two) : (1×15=15)
- a) Describe the hip joint under the following headings :
- i) Type and articular surfaces
 - ii) Ligaments
 - iii) Relations
 - iv) Movements and muscles producing movements
 - v) Applied anatomy.
- b) Describe the wrist joint under the following headings :
- i) Type and articular surfaces
 - ii) Ligaments
 - iii) Relations
 - iv) Movements and muscles producing movements
 - v) Applied anatomy.
4. Long answer question (**any one** out of two) : (1×15=15)
- a) Describe the internal capsule of cerebrum under the following headings :
- i) Parts and relations
 - ii) Fibers present in different parts
 - iii) Blood supply
 - iv) Applied anatomy.
- b) Describe the facial nerve under the following headings :
- i) Nuclei
 - ii) Course and relations
 - iii) Branches and distribution
 - iv) Applied anatomy.
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