

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION**First Year****Non-Semester Regulations****Second Semester New modified Regulations****(Common to all regulations)****(Common to BPT and BOT Examinations)****ANATOMY*****Q.P. Code : 7461*****Time : Three hours****Maximum : 100 marks****Answer All questions****Draw suitable diagrams wherever necessary****I. Essays: (2 x 15 = 30)**

1. Describe in detail the type, ligaments, Relations, Blood supply, Nerve supply and movements of knee joint.
2. Describe in detail about broncho pulmonary segments.

II. Short Notes: (10 x 5 = 50)

1. Superficial palmar arch.
2. Blood supply of pancreas.
3. Femoral Nerve in femoral triangle.
4. Inter vertebral disc.
5. Pericardium.
6. Supra renal glands.
7. Epiphysis.
8. Functional areas of brain.
9. Enumerate muscles of mastication: detail about masseter.
10. Internal Jugular vein.

III. Short Answer: (10 x 2 = 20)

1. Structure of bone.
2. Morphology of calf muscles.
3. Branches of external carotid artery.
4. Branches of posterior cord of brachial plexus.
5. Bursae around knee joint.
6. Nerve supply to sternocleido mastoid muscle.
7. Foramina of middle cranial fossa.
8. Enumerate the extra ocular muscles.
9. Name the foramina of diaphragm & their levels.
10. Level of costo diaphragmatic recess of pleura.

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION

First Year

Non-Semester Regulations

Second Semester New modified Regulations

(Common to all regulations)

(Common to BPT and BOT Examinations)

ANATOMY

Q.P. Code : 7461

Time : Three hours

Maximum : 100 marks

Answer All questions

Draw suitable diagrams wherever necessary

I. Essays: (2 x 15 = 30)

1. Describe in detail about the hip joint under the following headings:
a) Type b) Ligaments c) Nerve supply d) Blood supply
e) movements f) Relations.

2. Explain arches of foot under the following headings:
a) Classification b) formation c) Factors responsible for intenance
d) functions. Add a note on its applied anatomy.

II. Short Notes: (10 x 5 = 50)

1. Deltoid.
2. Basal ganglion.
3. Inguinal Hernia.
4. Ulnar Nerve in the fore arm.
5. Supinator.
6. Genes.
7. Pitutary gland.
8. Screw home movement.
9. Scapular movements.
10. Extra Hepatic biliary apparatus.

III. Short Answer: (10 x 2 = 20)

1. Write any four branches of femoral artery.
2. What are the structures in inter condylar area of tibia?
3. Name the muscle producing locking and unlocking of knee joint.
4. What are the branches of arch of aorta?
5. Claw hand.
6. Foot drop.
7. Functions of cerebellum.
8. Fibrous joint.
9. Name the structures present in HILUM of right lung.
10. Name the muscles attached in ischial tuberosity.

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION**First Year****Non-Semester Regulations****Second Semester New modified Regulations****(Common to all regulations)****(Common to BPT and BOT Examinations)****ANATOMY*****Q.P. Code : 7461*****Time : Three hours****Maximum : 100 marks****Answer All questions****Draw suitable diagrams wherever necessary****I. Essays: (2 x 15 = 30)**

1. Describe the heart under the following headings. Position, coverings, external and internal features, blood supply of the heart and nerve supply. Add a note on its applied anatomy.
2. Describe shoulder joint under the following headings. Articulating bones, Articular surfaces, Ligaments, Relation, Movements and the muscles producing them. Blood supply and nerve supply and applied anatomy.

II. Short Notes: (10 x 5 = 50)

1. Intercostal muscles.
2. Claw hand.
3. Types of Joint.
4. Circle of willis.
5. Supination and pronation.
6. Intervertebral disc.
7. Deep peroneal nerve.
8. Brachial artery.
9. Inguinal canal.
10. Lower end of humerus.

III. Short Answer: (10 x 2 = 20)

1. Name four branches of femoral nerve.
2. What are the intrinsic muscles of hand?
3. Name the muscles producing protraction and retraction of scapula.
4. Name the articular surface of elbow joint.
5. What are the structures passing deep to flexor retinaculum of ankle?
6. Name the arterial supply of thyroid gland.
7. Name the extraocular muscles supplied by oculomotor nerve.
8. Name the muscle producing protraction and retraction of temporomandibular joint.
9. What are the parts of corpus callosum?
10. Name the muscles attached to intertubercular sulcus of humerus.

[KX 905]

Sub. Code : 6111

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION

First Year Non-Semester Regulations

Second Semester New modified Regulations

(Common to all regulations)

(Common to BPT and BOT Examinations)

ANATOMY

Q.P. Code : 746111

Time : Three hours

Maximum : 100 marks

ANSWER ALL QUESTIONS

Draw suitable diagrams wherever necessary.

I. Essays:

(2X15=30)

1. Explain Hip Joint under the following headings : a) Articulating bones b) Ligaments c) Relations d) Nerve Supply e) Blood Supply f) Applied Anatomy.
2. Describe the Radial Nerve under the following headings: a) Origin b) Root Value c) Course and relation d) Branches and Distribution e) Applied Anatomy.

II. Short Notes:

(10X5=50)

1. Common peroneal nerve.
2. Oesophagus.
3. Femoral sheath.
4. Supports of uterus.
5. Openings of the diaphragm.
6. Great Saphenous Vein.
7. Erb's palsy.
8. Blood supply of spinal cord.
9. Describe a typical Vertebra.
10. Gluteus Maximus.

III. Short Answers:

(10X2=20)

1. Name the muscles of the Eye ball.
2. Structures opening into right atrium of the Heart.
3. Ligamentum Patellae.
4. Bell's palsy.
5. Name the types of Joints.
6. Supination.
7. Nephron.
8. Coronary artery.
9. Name the structures present in hilum of right Lung.
10. Posterior relations of right Kidney.

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION

**First Year Non-Semester Regulations
Second Semester New modified Regulations
(Common to all regulations)**

(Common to BPT and BOT Examinations)

ANATOMY

Q.P. Code : 746111

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essays : (2 × 15 = 30)

1. Explain shoulder joint under the following headings

- (a) Articulating bones
- (b) Ligaments
- (c) Stability factors
- (d) Applied anatomy
- (e) Blood supply
- (f) Nerve supply.

2. Describe ulna Nerve under the following headings

- (a) Origin
- (b) Root value
- (c) Course and relation
- (d) Branches and distribution
- (e) Applied anatomy.

II. Short notes : (10 × 5 = 50)

- 1. Cubital fossa.
- 2. Special features of clavicle
- 3. Serratus Anterior
- 4. Femoral sheath
- 5. Foot drop

6. Anastomosis around the scapula.
7. Anterior Abdominal muscles – Formation of rectus sheath.
8. Thoracic Dush.
9. Abductor of the hip joint
10. Popliteus muscle.

III. Short Answers :

(10 × 2 = 20)

1. Erb's palsy
 2. Pronation
 3. Radial Nerve's supply below the wrist.
 4. Ligamentum Patellae
 5. Rough Endoplasmic Reticulum.
 6. Anterior relations of Right Kidney
 7. Adductor canal
 8. Left Coronary artery
 9. Pericardium
 10. Elastic cartilage.
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August 2011

[KZ 6252]

Sub. Code : 6252

BACHELOR OF PHYSIOTHERAPY EXAMINATION

FIRST YEAR

(Common to BPT and BOT Examinations)

Paper II - ANATOMY

Q.P. Code : 746252

Time : Three hours

Maximum : 100 marks

ANSWER ALL QUESTIONS

I. LONG ESSAYS

(2X20=40)

1. Write in Detail about Arches of Foot along with its applied anatomy.
2. Describe in detail about Brachial plexus under the following headings:
a) Formation b) Branches c) Applied Anatomy.

II. SHORT NOTES

(8X5=40)

1. Popliteal Fossa.
2. Sternal Angel.
3. Foot Drop.
4. Blood supply of Heart.
5. Anatomical snuff Box.
6. Median nerve.
7. Biceps Brachii.
8. Temporomandibular joint.

III. SHORT ANSWERS

(10X2=20)

1. What are Sesamoid bones? Give two examples.
2. Name the tributaries of coronary sinus.
3. Name the muscles supplied by Ulnar Nerve in hand.
4. Name any four branches of Abdominal Aorta.
5. What is Claw hand?
6. Name the parts of Typical Rib.
7. Name the named openings present in Thoracic diaphragm.
8. Name the Extensor of Knee joint.
9. Name the contents of cubital Fossa.
10. Name the branches of Mandibular Nerve.

February 2012

[LA 6252]

Sub. Code: 6252

BACHELOR OF PHYSIOTHERAPY EXAMINATION

FIRST YEAR

(Common to BPT and BOT Examinations)

Paper II - ANATOMY

Q.P. Code : 746252

Time : Three hours

Maximum : 100 marks

ANSWER ALL QUESTIONS

I. Elaborate on:

(2X20=40)

1. Describe in detail about shoulder joint under the following headings :
a) Type of joint, b) Articulating bones, ligaments c) Relations d) Movements
e) Nerve supply f) Applied anatomy.
2. Describe in detail about Sciatic nerve. Add a note on its applied anatomy.

II. Write notes on:

(8X5=40)

1. Inversion and Eversion of Foot.
2. Intercostal space and its contents.
3. Sternocleido mastoid muscle.
4. Popliteal Fossa.
5. Pleura of Lung.
6. Femoral Artery.
7. Movements at Elbow joint.
8. Inguinal canal.

III. Short Answers:

(10X2=20)

1. Name any four branches of External carotid Artery.
2. Name the flexors of Knee joint.
3. Name the Pelvic Bones.
4. Name the Extra ocular Muscles.
5. Name any four ligaments of Knee joint.
6. Name the contents of vertebral canal.
7. Name the parts of Brain.
8. Name the structures supplied by median nerve.
9. Name the structures passing through stylomastoid foramen.
10. Name the Intrinsic muscles of Hand.

[LB 6252]

AUGUST 2012
FIRST YEAR BPT EXAM
(Common to BPT and BOT Examinations)
Paper II - ANATOMY
Q.P. Code : 746252

Sub. Code : 6252

Time : Three hours
(180 Min)

Answer ALL questions in the same order.

Maximum : 100 marks

I. Elaborate on:

Pages Time Marks
(Max.)(Max.)(Max.)

- | | | | |
|---|----|----|----|
| 1. Describe in detail about Knee joint under the following headings. a)Type of Joint b)Articulating bones, ligaments c)Relations d)Movements e)Applied Anatomy. | 19 | 33 | 20 |
| 2. Describe in detail about Radial Nerve including its Applied Anatomy. | 19 | 33 | 20 |

II. Write notes on:

- | | | | |
|------------------------------|---|---|---|
| 1. Lower end of Humerus. | 3 | 8 | 5 |
| 2. Foot Drop. | 3 | 8 | 5 |
| 3. Atlanto Axial Joint. | 3 | 8 | 5 |
| 4. Supination and Pronation. | 3 | 8 | 5 |
| 5. Gluteus Maximus Muscle. | 3 | 8 | 5 |
| 6. Rectus Sheath. | 3 | 8 | 5 |
| 7. Circle of Willis. | 3 | 8 | 5 |
| 8. Cubital Fossa. | 3 | 8 | 5 |

III. Short Answers:

- | | | | |
|---|---|---|---|
| 1. Name any four branches of Brachial Artery. | 1 | 5 | 2 |
| 2. Name the bones forming Wrist Joint. | 1 | 5 | 2 |
| 3. Name the Invertors of Foot. | 1 | 5 | 2 |
| 4. How Rotator cuff of Shoulder Joint is formed? | 1 | 5 | 2 |
| 5. Name the structures opening into Right Atrium of Heart. | 1 | 5 | 2 |
| 6. Classify the Joints. | 1 | 5 | 2 |
| 7. Name the muscles of mastication. | 1 | 5 | 2 |
| 8. Name the structures passing through foramen magnum. | 1 | 5 | 2 |
| 9. Name the structures related to spiral groove of Humerus. | 1 | 5 | 2 |
| 10. Name the Ear ossicles. | 1 | 5 | 2 |

[LC 6252]

FEBRUARY 2013
FIRST YEAR BPT EXAM
(Common to BPT and BOT Examinations)
Paper II - ANATOMY
Q.P. Code : 746252

Sub. Code: 6252

Time : Three hours
(180 Min)

Maximum : 100 marks

I. Elaborate on: **(2X20=40)**

1. Explain the Anatomy of Ear.
2. Explain in detail about Rt.Lung.[Coverings,External features, impressions.Blood supply & Broncho pulmonary segments].

II. Write Notes on: **(8X5=40)**

1. Sternum.
2. Rotator cuff of shoulder joint.
3. Cruciate ligaments of Knee.
4. Radial Nerve.
5. Great Saphenous Vein.
6. Spinal Cord.
7. Inter costal Muscles.
8. Male Urethra.

III.Short Answers: **(10X2=20)**

1. Nerve supply of Urinary Bladder.
2. Name the Muscles of Pelvic floor.
3. Organ of corti.
4. Branches of posterior cord of Brachial plexus.
5. Brain stem.
6. Foramen Magnum.
7. Coronary Sinus.
8. Conducting system of heart.
9. Nerves of Lumbar plexus.
10. Carpal Bones.

[LD 6252]

AUGUST 2013
FIRST YEAR BPT EXAM
(Common to BPT and BOT Exam)
Paper II – ANATOMY
Q.P. Code: 746252

Sub. Code : 6252

Time: Three hours

Maximum : 100 marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about hip joint under the following headings a) Type of Joint b) Articulating bones c) Ligaments d) Movements e) Relations f) Blood supply and nerve supply. Add a note on its applied anatomy.
2. Describe in detail about Ulnar nerve under the following headings a)Root value b) Course c) Branches d) Muscles supplied by it. e) Applied anatomy

II. Write notes on:

(8 x 5 = 40)

1. Lower end of Humerus
2. Screw home movement
3. Radial nerve
4. Femoral Artery
5. Muscles of Respiration
6. Styloid process
7. Blood supply of Brain
8. Extraocular muscles

III. Short Answers:

(10 x 2 = 20)

1. Contents of cubital fossa
2. Winging of Scapula
3. Name the branches arising from Arch of Aorta
4. Name the contents in Rectus sheath
5. Name the Invertors and Evertors of foot
6. Hilar structures of lung
7. Name the muscles of mastication
8. Contents of Carotid triangle
9. Name the Ventricles of Brain
10. Name the Flexors of Arm

[LE 6252]

FEBRUARY 2014
FIRST YEAR BPT EXAM
(Common to BPT and BOT Exam)
Paper II – ANATOMY
Q.P. Code: 746252

Sub. Code : 6252

Time: Three hours

Maximum : 100 marks

I. Elaborate on:

(2 x 20 = 40)

1. Write in detail about shoulder joint- Type, Articulating surfaces, Relations, Rotator cuff, Ligaments, movements, Muscles producing those movements & its applied anatomy.
2. Explain diaphragm under the following subdivisions i) Origin ii) Insertion iii) Blood supply iv) Nerve supply v) Action vi) Orifices present vii) Structures passing through it viii) Applied anatomy.

II. Write notes on:

(8 x 5 = 40)

1. Define supination & pronation, its mechanism of action & muscles producing it.
2. Cubital Fossa
3. Lateral compartment of leg
4. Sciatic nerve
5. Sternocleidomastoid
6. Internal jugular vein
7. Rectus sheath
8. Circle of willis

III. Short Answers:

(10 x 2 = 20)

1. Define sesamoid bone with two examples
2. Constrictions of ureter
3. Openings in right atrium
4. Branches of brachial artery
5. Saturday night palsy
6. Trendelenburg's sign
7. Any two features of atypical intercostal nerve
8. Structures passing through stylomastoid foramen
9. Frowning muscles
10. Achilles tendon

[LF 6252]

AUGUST 2014

Sub. Code : 6252

**FIRST YEAR BPT EXAM
PAPER II – ANATOMY**

Q.P. Code: 746252

Time: Three hours

Maximum : 100 marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe in detail about the Facial nerve.
2. Describe in detail about the shoulder joint.

II. Write notes on:

(8 x 5 = 40)

1. Wrist drop
2. Popliteal Fossa
3. Spleen
4. Levator ani
5. Inversion & Eversion
6. Movements of Thoracic cage
7. Right atrium
8. Broncho pulmonary segments of left lung

III. Short Answers:

(10 x 2 =20)

1. Name the branches of Axillary artery
2. Give formation of great saphenous Vein
3. Name the structures opening into second part of duodenum
4. Name the contents of middle mediastinum
5. Name the structures opening into the middle meatus of nose
6. Name the structures forming the medial longitudinal arch
7. Name the types of sulci in cerebrum
8. Name the major openings and the structures passing through the diaphragm
9. Erbs point
10. Name the branches of coeliac trunk

[LG 6252]

FEBRUARY 2015

Sub. Code : 6252

FIRST YEAR BPT EXAMINATION
(Common to BOT and BPT Exam)
PAPER II – ANATOMY

Q.P. Code: 746252

Time: Three hours

Maximum : 100 marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about knee joint under the following headings:
a) Type of Joint b) Articulating bones c) Ligaments d) Movements e) Relations
f) Blood supply and nerve supply. Add a note on its applied anatomy.
2. Describe in detail about Radial nerve under the following headings: a) Root value
b) Course c) Branches d) Muscles supplied by it. e) Applied anatomy.

II. Write notes on:

(8 x 5 = 40)

1. Atlanto axial joint
2. Scapular movements
3. Intercostal space
4. Radial Artery
5. Visceral surface of Liver
6. Gluteal Surface of Ilium
7. Blood supply of Heart
8. Inversion and Eversion

III. Short answers on:

(10 x 2 =20)

1. Contents of Digastric triangle
2. Abductors of Shoulder joint
3. Name the branches arising from Abdominal Aorta
4. Name the muscles of tongue
5. Name the Hamstring muscles and its action
6. What is Bell's palsy?
7. Name the muscles of mastication
8. Contents of Rectus sheath
9. Name the parts of Brainstem
10. Name the extraocular muscles

[LH 6252]

AUGUST 2015

Sub. Code: 6252

**B.P.T. DEGREE EXAMINATION
FIRST YEAR**

(Common to BOT and BPT Exam)

PAPER II – ANATOMY

Q.P. Code: 746252

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about hip joint under the following headings:
a) Type of Joint b) Articulating bones c) Ligaments d) Movements e) Relations
f) Blood supply and nerve supply. Add a note on its applied anatomy.
2. Describe in detail about Ulnar nerve under the following headings:
a) Root value b) Course c) Branches d) Muscles supplied by it.
e) Applied anatomy.

II. Write notes on:

(8 x 5 = 40)

1. Ischial tuberosity.
2. Screw home movement.
3. Intercostal space.
4. Features of Typical thoracic vertebra.
5. Muscles of Anterior Abdominal wall.
6. Gluteus Maximus.
7. Blood supply of Spinal cord.
8. Temporomandibular joint.

III. Short Answers on:

(10 x 2 = 20)

1. Contents of Popliteal fossa.
2. Winging of Scapula.
3. Name the branches arising from Brachial artery.
4. Name the contents in Rectus sheath.
5. Name the muscles of respiration.
6. Hilar structures of Kidney.
7. Name the muscles which produce Dorsiflexion of Ankle joint.
8. Contents of Carotid triangle.
9. Name the Ventricles of Brain.
10. Name the Flexors of forearm.

[LI 6252]

FEBRUARY 2016

Sub. Code : 6252

**FIRST YEAR BPT EXAMINATION
(Common to BOT and BPT Exam)
PAPER II – ANATOMY**

Q.P. Code: 746252

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write in detail about Shoulder Joint under the following headings:-
 - 1) Type of joint
 - 2) Articulating bones
 - 3) Ligaments
 - 4) Movements
 - 5) Muscles producing those movements
 - 6) Its applied aspects.
2. Write in detail about the external features of Heart, its blood supply, nerve supply and its applied aspects.

II. Write notes on:

(8 x 5 = 40)

1. Sternomastoid.
2. Adductor canal.
3. Vertebral artery.
4. Wrist joint.
5. Posterior division of obturator nerve.
6. Quadrangular space.
7. Clavicle.
8. Dermatome of upper limb.

III. Short answers on:

(10 x 2 =20)

1. Erb's paralysis.
2. Facial vein – formation and termination.
3. Arterial segments of kidney.
4. Types of Epiphysis.
5. Lumbar petits triangle.
6. Tarsal Tunnel Syndrome.
7. Trendelenberg's sign.
8. Structures passing through internal auditory meatus.
9. Sternal angle.
10. Contents of lower triangular space.

[LJ 6252]

AUGUST 2016

Sub. Code : 6252

**FIRST YEAR BPT EXAMINATION
(Common to BOT and BPT Exam)
PAPER II – ANATOMY**

Q.P. Code: 746252

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe in detail about the arches of Foot.
2. Describe in detail about the functional areas of Brain.

II. Write notes on:

(8 x 5 = 40)

1. Circle of willis
2. Pharynx
3. Muscles of tongue
4. Thyroid cartilage
5. External features of medulla oblongata
6. Piriformis muscle
7. Pelvic diaphragm
8. Duputren's contracture

III. Short answers on:

(10 x 2 = 20)

1. Formation and termination of short saphenous vein.
2. Cutaneous nerve supply of dorsum of foot.
3. 2nd lumbrical.
4. Palmar aponeurosis.
5. Branches of facial nerve in face.
6. Name the ossicles of ear and mention the joints in between them.
7. Paracentral lobule.
8. Boundaries of inter peduncular fossa.
9. Name the intrinsic muscles of larynx.
10. Maxillary sinus.

[LK 6252]

FEBRUARY 2017

Sub. Code : 6252

**BPT DEGREE EXAMINATION
FIRST YEAR
(Common to BOT and BPT Exam)
PAPER II – ANATOMY**

Q.P. Code: 746252

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe in detail about the Knee joint.
2. Describe in detail about Radial nerve.

II. Write notes on:

(8 x 5 = 40)

1. Foot drop.
2. Cubital fossa.
3. Blood supply of stomach.
4. Quadriceps femoris.
5. Relations of right kidney.
6. Arch of aorta.
7. Internal ear.
8. Section of spinal cord at cervical level.

III. Short answers on:

(10 x 2 = 20)

1. Name the branches of ulnar artery.
2. What is carpal tunnel syndrome?
3. Write the origin, insertion, nerve supply and action of pectineus muscle.
4. Structures passing below the superior extensor retinaculum.
5. Formation and level of termination of inferior vena cava.
6. Ventral branches of abdominal aorta.
7. Name the features in interventricular septum.
8. Parts of corpus callosum.
9. Structures present in floor of IVth ventricle.
10. Posterior cricoarytenoid muscle.

[LL 6252]

AUGUST 2017

Sub. Code : 6252

**BPT DEGREE EXAMINATION
FIRST YEAR
(Common to BOT and BPT Exam)
PAPER II – ANATOMY**

Q.P. Code: 746252

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. List and locate the parts of female reproductive systems. Anatomy and function of female reproductive organs.
2. Write in detail about brachial plexus formation, branches and applied importance.

II. Write notes on:

(8 x 5 = 40)

1. Joint classification and example.
2. Kidney.
3. Connective tissue.
4. Type of artery and give examples and write the function.
5. Spinal cord.
6. Trachea.
7. Liver.
8. Pituitary gland.

III. Short answers on:

(10 x 2 = 20)

1. Name any two skull bones.
2. Arteries of fore arm.
3. Name any two cell bodies.
4. Name two medium sized vein.
5. Name two lymphatic organs.
6. Name any two salivary glands.
7. Name any two layers of eyeball.
8. Any two muscles of scapula.
9. Parts of pharynx.
10. Any two muscles of lower limb.

[LM 6252]

FEBRUARY 2018

Sub. Code : 6252

BPT DEGREE EXAMINATION
FIRST YEAR
(Common to BOT and BPT Exam)
PAPER II – ANATOMY

Q.P. Code: 746252

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe Temporomandibular joint under following headings:
 - a) Type and variety of articulating bones and surfaces.
 - b) Capsule and ligaments.
 - c) Movements and muscles responsible for it.
 - d) Blood supply and nerve supply.
 - e) Applied anatomy.
2. Describe Axilla under following headings:-
 - a) Position and shape
 - b) Boundaries
 - c) Contents in detail
 - d) Applied anatomy

II. Write notes on:

(8 x 5 = 40)

1. Biceps brachii.
2. Carpal tunnel.
3. Ankle joint.
4. Femoral artery.
5. Types of bones.
6. Broncho-pulmonary segment.
7. Sternocleidomastoid.
8. Functional areas of brain.

III. Short answers on:

(10 x 2 = 20)

1. Name the structures piercing clavipectoral fascia.
2. Name the branches of axillary artery.
3. Name the muscles supplied by median nerve in hand.
4. Name the contents of femoral triangle.
5. Name the structures passing deep to flexor retinaculum of foot.
6. Name the cavities of brain.
7. Origin and termination of common carotid artery.
8. Name the contents of middle mediastinum.
9. Name the parts of large intestine.
10. Name locking and unlocking muscles.

**BPT DEGREE EXAMINATION
FIRST YEAR
(Common to BOT and BPT Exam)
PAPER II – ANATOMY**

Q.P. Code: 746252

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the Ulnar nerve under following headings:-
 - a) Origin and termination
 - b) Root value
 - c) Course and relations
 - d) Branches and distributions
 - e) Applied anatomy
2. Describe the arches of foot in detail.

II. Write notes on:

(8 x 5 = 40)

1. Elbow joint.
2. Clavipectoral fascia.
3. Triceps surae.
4. Extensor retinaculum of foot.
5. Typical intercostals nerve.
6. Inguinal canal.
7. Synovial joints.
8. Formation and branches of Circle of Willis.

III. Short answers on:

(10 x 2 = 20)

1. Name the branches of trigeminal nerve.
2. Name any four muscles around the mouth.
3. Name the muscles forming rectus sheath.
4. Name any four branches of abdominal aorta.
5. Formation and termination of cephalic vein.
6. Contents of carpal tunnel.
7. Name the muscles supplied by musculocutaneous nerve.
8. Name the dorsiflexor muscles of ankle joint.
9. Name any four structures under covered by gluteus maximus.
10. Name the branches of common peroneal nerve.

**BPT DEGREE EXAMINATION
FIRST YEAR
(Common to BOT and BPT Exam)
PAPER II – ANATOMY**

Q.P. Code: 746252

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe Lumbar plexus and write in detail about femoral nerve.
2. Describe Shoulder joint under following headings:-
 - a) Type and variety articulating bones and surfaces.
 - b) Capsule and ligaments.
 - c) Movements and muscles responsible for it.
 - d) Blood supply and nerve supply.
 - e) Applied anatomy.

II. Write notes on:

(8 x 5 = 40)

1. Brachial artery.
2. Pronation and supination.
3. Adductor magnus.
4. Tibial nerve.
5. Right atrium of heart.
6. Urinary bladder.
7. Draw a labeled diagram of section of eye.
8. Facial nerve in face.

III. Short answers on:

(10 x 2 = 20)

1. Name the structures forming anterior wall of axilla.
2. Contents of cubital fossa.
3. Name the spaces in hand.
4. Name the hamstring muscles.
5. Name the intracapsular structures in knee joint.
6. Name the parts of hind brain.
7. Name any four structures passing through foramen magnum.
8. Name the normal curvatures of vertebral column.
9. Name the major openings in diaphragm.
10. Name the structures in the first layer of sole.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LP 6252]

AUGUST 2019

Sub. Code : 6252

**BPT DEGREE EXAMINATION
FIRST YEAR
(Common to BOT and BPT Exam)
PAPER II – ANATOMY**

Q.P. Code: 746252

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe in detail about Spinal cord.
2. Describe in detail about Radial nerve under the following headings:
a) Root value b) Course c) Branches
d) Muscles supplied by it e) Applied anatomy.

II. Write notes on:

(8 x 5 = 40)

1. Locking and unlocking movements of knee joint.
2. Latissimus dorsi.
3. Superficial veins of Upper limb.
4. Anastomosis around elbow joint.
5. Blood supply of heart.
6. Root of lung.
7. Descent of testis.
8. Floor of fourth ventricle.

III. Short answers on:

(10 x 2 = 20)

1. Sternal angle.
2. Parts of corpus callosum.
3. Constrictions of ureter.
4. Branches of celiac trunk.
5. Morison's pouch.
6. Respiratory movements.
7. Any 4 branches of mandibular nerve.
8. Porta hepatis.
9. Anatomical snuff box.
10. Lymph node.

[LQ 6252]

FEBRUARY 2020

Sub. Code : 6252

**BPT DEGREE EXAMINATION
FIRST YEAR
(Common to BOT and BPT Exam)
PAPER II – ANATOMY**

Q.P. Code: 746252

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe in detail about the Sulci, Gyri and functional areas of Superolateral surface of brain.
2. Describe in detail about Mammary gland. Add a note on its applied anatomy.

II. Write notes on:

(8 x 5 = 40)

1. Inversion and eversion.
2. Palmar aponeurosis.
3. Types of muscles.
4. Masseter.
5. Stomach.
6. Rotator cuff of shoulder joint.
7. Vagus nerve.
8. Appendix.

III. Short answers on:

(10 x 2 = 20)

1. Branches of external carotid artery.
2. Carrying angle.
3. Name the peroneal muscles.
4. Contents of femoral sheath.
5. Klumpke's paralysis.
6. Mention any four supports of uterus.
7. Femoral hernia.
8. Name the arteries supplying the spinal cord.
9. Name the lobes of the Cerebrum.
10. Muscles responsible for pronation.

THE TAMIL NADU Dr.M.G.R. MEDICAL UNIVERSITY

[LR 1220]

**DECEMBER 2020
(AUGUST 2020 EXAM SESSION)**

Sub. Code: 6252

**BPT DEGREE EXAMINATION
FIRST YEAR
PAPER II – ANATOMY
*Q.P. Code: 746252***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe Hip joint under following headings:
 - a) Type and variety of articulating bones and surfaces.
 - b) Capsule and ligaments.
 - c) Movements and muscles responsible for it.
 - d) Blood supply and nerve supply.
 - e) Applied anatomy.

2. Describe in detail about Median nerve.

II. Write notes on:

(8 x 5 = 40)

1. Deltoid.
2. Broncho pulmonary segments.
3. Relations of Kidney.
4. Circle of Willis.
5. Lymphatic drainage of mammary gland.
6. Foot drop.
7. Appendix.
8. Sciatic nerve.

III. Short answers on:

(10 x 2 = 20)

1. Layers of scalp.
2. Arch of aorta.
3. Erb's point.
4. Name the ventricles of brain.
5. Contents of popliteal fossa.
6. Name the paranasal air sinuses.
7. Name the types of muscle.
8. Name the thenar muscles.
9. Parts of pancreas.
10. Cartilages of larynx.

THE TAMIL NADU Dr.M.G.R. MEDICAL UNIVERSITY

[BPT 0921]

SEPTEMBER 2021
(FEBRUARY 2021 EXAM SESSION)

Sub. Code: 6252

BPT DEGREE EXAMINATION
FIRST YEAR
PAPER II – ANATOMY
Q.P. Code: 746252

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe lumbar plexus and its applied anatomy in detail.
2. Describe in detail about the shoulder joint under the following heading.
a) Articulating bones b) Type and variety c) Ligaments d) Relations e) Movements possible and muscles responsible f) Applied anatomy.

II. Write notes on:

(8 x 5 = 40)

1. Gluteus maximus.
2. Popliteal fossa.
3. Trapezius muscle.
4. Brachial artery.
5. Right atrium.
6. Type of bones.
7. Rectus Abdominis.
8. Functional area of cerebrum.

III. Short answers on:

(10 x 2 = 20)

1. Contents of cubital fossa.
2. Nerve supply of lumbrical muscles in hand.
3. Name the muscles responsible for abduction and adduction of fingers of hand.
4. Tendocalcaneus.
5. Name the Nerve involved in wrist drop and muscles Paralysed.
6. Types of neuroglial cells.
7. Contents of middle mediastinum.
8. Parts of large intestine.
9. Name any four ascending tracts in spinal cord.
10. Type and variety of atlantoaxial joint.

THE TAMIL NADU Dr.M.G.R. MEDICAL UNIVERSITY

[BPT 0122]

**JANUARY 2022
(AUGUST 2021 EXAM SESSION)**

Sub. Code: 6252

BACHELOR OF PHYSIOTHERAPY DEGREE COURSE

FIRST YEAR

PAPER II – ANATOMY

Q.P. Code: 746252

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe arches of foot in detail.
2. Describe the ulnar nerve under following headings.
a) origin b) root value c) termination d) course and relations e) branches and distributions and applied anatomy.

II. Write notes on:

(8 x 5 = 40)

1. Adductor magnus.
2. Femoral artery.
3. Supinator muscle.
4. Elbow joint.
5. Posterior mediastinum.
6. Structure of Neuron.
7. Inguinal canal.
8. Sulci and gyri on superolateral surface of cerebral hemisphere.

III. Short answers on:

(10 x 2 = 20)

1. Branches of 3rd part of axillary artery.
2. Muscles supplied by musculocutaneous nerve.
3. Contents of adductor canal.
4. Branches of femoral artery.
5. Branches of arch of aorta.
6. Parts of basal ganglion.
7. Name the muscles of mastication.
8. Parts of uterus.
9. Types of epiphysis.
10. Types of ossification with example.

THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY

[BPT 0622]

**JUNE 2022
(FEBRUARY 2022 EXAM SESSION)**

Sub. Code: 6252

BACHELOR OF PHYSIOTHERAPY DEGREE COURSE

FIRST YEAR

PAPER II – ANATOMY

Q.P. Code: 746252

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the sciatic nerve under the following heading:
 - a) Origin
 - b) Root value
 - c) Termination
 - d) Course and relation
 - e) Branches and distributions
 - f) Applied anatomy
2. Name the muscles attached to scapula. Right briefly the attachments, nerve supply and action of those scapular muscles which is inserted to humerus. Add a note on clinical anatomy related to their muscle.

II. Write notes on:

(8 x 5 = 40)

1. Circle of Willis.
2. Explain the types of cartilage.
3. Explain the structure of kidney.
4. Sternocleidomastoid muscle.
5. Gastrocnemius muscle.
6. Draw and label the Osteology and muscle attachment of ilium.
7. Arch of Aorta.
8. Diaphragm.

III. Short answers on:

(10 x 2 = 20)

1. Name the bones forming the base of skull.
2. Name any four muscles of facial expression.
3. Mention the parts of nephron.
4. Name the neuroglial cells.
5. Name the veins of upper limb.
6. Foot drop.
7. Mention the layers of peritoneum.
8. Name the carpal bones in order.
9. Mention the muscles supplied by radial nerve in arm.
10. Name the muscles attached to Ischial tuberosity.

THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY

[BPT 1022]

**OCTOBER 2022
(AUGUST 2022 EXAM SESSION)**

Sub. Code: 6252

BACHELOR OF PHYSIOTHERAPY DEGREE COURSE

FIRST YEAR

(Candidates admitted upto the academic year 2016-2017)

PAPER II – ANATOMY

Q.P. Code: 746252

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. List out the muscles present in thigh and discuss the attachments, nerve supply and action of muscles present in front of thigh.
2. What is claw hand? Which nerve injury is responsible for it? Describe the nerve under the following heading:
 - a) Origin and termination.
 - b) Root value.
 - c) Course and relations.
 - d) Branches and distributions.

II. Write notes on:

(8 x 5 = 40)

1. Inguinal Canal.
2. Ventricles of brain.
3. Cubital fossa.
4. Boundaries and contents of axilla.
5. Intercostal nerve.
6. Pelvic floor muscles.
7. Uterus – Size, position and support of uterus.
8. Structure in second layer of sole.

III. Short answers on:

(10 x 2 = 20)

1. Name any four ligaments of knee joint.
2. Anatomical lobes of liver.
3. Tennis elbow.
4. Branches of common Peroneal nerve.
5. Name the parts of middle ear.
6. Name the calf muscles.
7. Mention the actions of Trapezius.
8. Name the types of tissue.
9. Mention the action produced by dorsal interossei.
10. Hilton's law.
