

February 2012

[LA 6252]

Sub. Code: 6252

BACHELOR OF OCCUPATIONAL THERAPY EXAMINATION

FIRST YEAR

(Common to BOT and BPT Examinations)

Paper II - ANATOMY

Q.P. Code : 786252

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)

Maximum : 100 marks

Answer ALL questions in the same order.

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 BOT EXAM
(Common to BOT and BPT Exam)
Paper II - ANATOMY
Q.P. Code : 786252

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 BOT EXAM
(Common to BOT and BPT Exam)
Paper II – ANATOMY
Q.P. Code: 786252

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 BOT EXAM
(Common to BOT and BPT Exam)
Paper II – ANATOMY
Q.P. Code: 786252

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 BOT EXAM
PAPER II – ANATOMY**

Q.P. Code: 786252

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

Q.P. Code: 786252

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

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

(Common to BOT and BPT Exam)

PAPER II – ANATOMY

Q.P. Code: 786252

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

Q.P. Code: 786252

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

Q.P. Code: 786252

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. IInd 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.
