

February 2009

[KU 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: (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.

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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.

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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.

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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.
