[KD 903] **Sub. Code : 5116**

IELOR OF PHYSIOTHERAPY DEGREE EXAMINATION.

Second Semester

(Revised/Modified Regulations)

(Common to BPT and BOT)

Paper I — HUMAN ANATOMY

Time : Three hours Maximum : 100 marks

(Draw diagrams wherever necessary)

1. Write an essay on any ONE of the following : (20)

(a) Describe in detail the radio–ulnar joint. Enumerate the movements takings place in the joint. Name the muscles responsible for the movements. Add a note on its applied anatomy.

Or

(b) Give the origin, course, relations and distribution of the median nerve, including its clinical significance.

2. Write short notes on any SIX : (6 × 5 = 30)

(a) Rt. Atrium.

(b) Typical cervical vertebra.

(c) Thyroid gland.

(d) Microscopic anatomy of skeletal muscle.

(e) Pons.

(f) Ligamentum patellae.

(g) Ovary.

(h) Great saphenous vein.

3. Write an essay on any ONE of the following : (20)

(a) Describe knee joint under the following headings :

(i) Bones taking part

(ii) Ligaments

(iii) Movements – Muscle

(iv) Applied Anatomy.

Or

(b) Give the attachments, actions and nerve supply of the following muscles :

(i) Adductor pollicis

(ii) Peroneus Longus

(iii) Triceps.

4. Write short notes on any SIX : (6 × 5 = 30)

(a) Gall bladder

(b) Dorsal Scapular nerve

(c) Coracoacromial arch

(d) Lyndesmoses

(e) Brachial artery

(f) Femoral vein

(g) Sacrotuberous ligament

(h) Arch of aorta.

[KD 905] **Sub. Code : 5311**

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION.

Second Semester

(New Modified Regulations)

(Common to BPT and BOT)

Paper I — HUMAN ANATOMY

Time : Three hours Maximum : 100 marks

Draw diagrams wherever necessary.

1. Write an essay on any ONE of the following : (20)

(a) Brachial plexus, formation, relation, branches and applied anatomy (lesions).

Or

(b) Explain arches of foot. Under the following headings : formation, factors maintaining arch and applied anatomy.

2. Write short notes on any SIX : (6 × 5 = 30)

(a) Neuron.

(b) Superior Extensor retinaculum.

(c) Spleen.

(d) Cruciate ligament.

(e) Atlanto axial joint.

(f) Inter tubercular sulcus.

(g) Lumbar puncture.

(h) Ossification.

3. Write an essay on any ONE of the follo (20)

(a) Explain ulnar nerve under the headings :

(i) Root value

(ii) Course and relation

(iii) Distribution

(iv) Lesion effect.

Or

(b) Define suspination and pronation enumerate the joints and muscles involved in these movements and write about the powerful supinator in detail.

4. Write short notes on any SIX : (6 × 5 = 30)

(a) Radial artery.

(b) Soleus.

(c) Clavipectoral fascia.

(d) Vermiform appendex.

(e) Pseudo ganglion.

(f) À.V. node.

(g) Ischial tuberosity.

(h) Formation of spinal nerve.

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November-2001

[KE 905] **Sub. Code : 5311**

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION.

Second Semester

(New Modified Regulations)

(Common to BPT and BOT)

Paper I — HUMAN ANATOMY

Time : Three hours Maximum : 100 marks

Draw diagrams wherever necessary.

1. Write essay on any ONE of the following : (20)

(a) Explain hip joint under the following headings :

(i) Articular surfaces

(ii) Ligaments

(iii) Movements

(iv) Relations and

(v) Applied anatomy.

Or

(b) Describe the formation, course, relations, branches and distribution of median nerve. Add a note on its lesion effects.

2. Write short notes on any SIX : (6 × 5 = 30)

(a) Middle cerebral artery.

(b) Carpal Tunnel syndrome

(c) Cauda equina

(d) Corocoid process

(e) Tentorium cerebellai

(f) Sertorius

(g) Cervical rib

(h) Clavi pectoral fascia.

3. Write essay on any ONE of the following : (20)

(a) Explain the Arches of Foot – Formation, factors responsible for arch maintenance and significance.

(b) Write an essay on radial name under the following headings :

(i) Root value

(ii) Course and relations

(iii) Distributions and

(iv) Lesion effects.

4. Write short notes on any SIX of the following : (6 × 5 = 30)

(a) Piriformis

(b) Neuron

(c) Lumbricals

(d) Stomach

(e) White ramus communicant

(f) Sesomoid bone

(g) SA node

(h) Hyoglossus.

[KG 903] **Sub. Code : 5116**

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION

Second Semester

RR/MR

Paper I — HUMAN ANATOMY

(Common to BPT/BOT)

Time : Three hours Maximum : 100 marks

All questions are compulsory.

Draw diagrams wherever necessary.

1. Write an essay on any ONE of the following : (20)

(a) Describe the Brachial Plexus, its position, parts, its formation and its branches of distribution. What is Erb's paralysis?

(b) Describe the origin, course, relations and distribution of the Deep Peroneal Nerve. Mention the effects of injury to this nerve.

2. Write short notes on any SIX : (6 × 5 = 30)

(a) Lower end of Humerus.

(b) Circle of Willis.

(c) Deltoid muscle.

(d) Synovial joint.

(e) Ulnar Nerve in palm.

(f) Boundaries and contents of Inguinal canal.

(g) Histology of kidney.

(h) Intervertebral Disc.

3. Write an essay on any ONE of the following : (20)

(a) Describe the type, articular surfaces ligaments, movements and muscles acting on knee joint. Add a note on "Screw Home Movement".

(b) Describe the origin, insertion, nerve supply and action of Muscles acting on the thumb.

4. Write short notes on any SIX : (6 × 5 = 30)

(a) Femoral Nerve.

(b) Trachea.

(c) Supination and Pronation of forearm.

(d) Right atrium.

(e) Gastronemius Muscle.

(f) Motor decussation in Medulla oblongata.

(g) Deltoid ligament of Ankle joint.

(h) Periosteum.

April-2003

[KI 905] **Sub. Code : 5311**

BACHELOR OF PHYSIOTHERAPY
DEGREE EXAMINATION.

Second Semester

(New Modified Regulations)

(Common to BPT and BOT)

Paper I — HUMAN ANATOMY

Time : Three hours Maximum : 100 marks

Draw diagrams wherever necessary.

1. Write an essay on any ONE of the following : (20)

(a) Describe INTERNAL CAPSULE

(i) Boundaries

(ii) Ascending Tracts

(iii) Descending Tracts

(iv) Blood supply

(v) Applied anatomy.

Or

(b) Describe TEMPORO–MANDIBULAR JOINT

(i) Formation

(ii) Ligaments

(iii) Relations

(iv) Movements

(v) Applied anatomy.

2. Write short notes on any SIX : (6 × 5 = 30)

(a) Synergists, and fixators

(b) Hilar impressions of Rt Lung (Draw, and Label only)

(c) Functions of Epithelium

(d) Types of neurons

(e) Palmar aponeurosis

(f) Erbs paralysis

(g) Importance of veins

(h) Nucleus.

3. Write an essay on any ONE of the following : (20)

(a) Describe in detail :

(i) Origin

(ii) Insertion

(iii) Arterial, and Nerve supply

(iv) Actions

(v) Relations

(vi) Applied Anatomy of Deltoid muscle.

Or

(b) Describe in detail Femoral Nerve :

(i) Formation

(ii) Course, and Relations

(iii) Branches

(iv) Applied Aspect.

Write short notes on any SIX : (6 × 5 = 30)

(a) Functions of Lymphatic system

(b) Posterior relations of stomach

(c) Medial epicondyle of Humerus

(d) Dorsal digital expansion

(e) Contents of posterior mediastinum

(f) Interosseous membrane

(g) Spina bifida

(h) Muscles of hand.

[KJ 903] **Sub. Code : 5116**

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION.

Second Semester

(Revised Regulations/Modified Regulations)

(Common to BPT/BOT)

Paper I — HUMAN ANATOMY

Time : Three hours Maximum : 100 marks

Theory : Two hours and forty minutes Theory : 80 marks

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

M.C.Q. must be answered **SEPARATELY** on the Answer Sheet provided as per the instructions on the first page of the M.C.Q. Booklet.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essays :

1. Describe the knee joint under following headings =

(1) structure and type of joint.

(2) ligaments and blood supply and nerve supply.

(3) movements at the joint and muscles causing them and applied anatomy. (15)

2. Describe the course, relations, branches, structures supplied and applied anatomy of radial nerve. (15)

II. Write short notes on : (10 × 5 = 50)

(a) Internal capsule.

(b) Sensory nerve supply of face.

(c) Gluteus maximus.

(d) Genes.

(e) Arches of foot.

(f) Structure of hyaline cartilage.

(g) Structure of skeletal muscle.

(h) Lumbar puncture.

(i) Axillary artery.

(j) Median cubital vein.

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[KJ 905] **Sub. Code : 531**

BACHELOR OF PHYSIOTHERAPY
DEGREE EXAMINATION.

Second Semester

(New Modified Regulations)

(Common to BPT and BOT)

Paper I — HUMAN ANATOMY

Time : Three hours Maximum : 100 marks

Theory : Two hours and forty minutes Theory : 80 marks

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

M.C.Q. must be answered **SEPARATELY** on the answer sheet provided as per the instructions on the first page of the M.C.Q. Booklet.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essays :

1. Describe the anatomy of shoulder joint. Mention the movements possible at this joint and the muscles acting in each movement. Add a note on its applied anatomy. (15)

2. Describe the origin, course, branches and structures supplied by the Facial nerve.

Add a note on its applied anatomy. (15)

II. Write short notes on :

(a) Blood supply to heart

(b) Functions of cerebellum

(c) Circle of Willis

(d) Extraocular muscles of eye ball

(e) Structure (histology) of compact bone

(f) Chromosome

(g) Deep peroneal nerve

(h) Quadriceps femoris

(i) Histology of lymph node

(j) Nephron. (10 × 5 = 50)

[KL 903] **Sub. Code : 5116**

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION.

Second Semester

(Revised Regulations/Modified Regulations)

(Common to BPT/BOT)

Paper I — HUMAN ANATOMY

Time : Three hours Maximum : 100 marks

Theory : Two hours and forty minutes Theory : 80 marks

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay Question : (2 × 15 = 30)

1. Describe the shoulder joint under the following headings :

(a) type (b) variety (c) articular surface (d) ligaments (e) movements and muscles responsible for the movements (f) applied anatomy.

2. Explain the surfaces, borders, sulci and gyri and functional areas of the medial surface of cerebral hemisphere.

II. Short notes : (10 × 5 = 50)

(a) Sternomastoid muscle

(b) Appendix

(c) Cubital fossa

(d) Anastomoses around the elbow joint

(e) Deltoid ligament

(f) Circle of Willis

(g) Plantar aponeurosis

(h) Pituitary gland

(i) Lumbar plexus

(j) Digastric triangle.

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