[KM 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

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 Questions : (2 × 15 = 30)

(1) Define intercostal space and name its contents. Mention the origin, insertion nerve supply, and actions of intercostal muscles. Describe the course and the branches of a typical intercostal nerve.

(2) Explain the Hip joint under the following headings :

Type, articular surfaces, ligaments blood supply, nerve supply, movements and the muscles causing them. Add a note on its applied anatomy.

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

(a) Deltoid muscle.

(b) Gross structure and basic nerve supply of stomach.

(c) Medial and lateral longitudinal arches of foot.

(d) Chromosomes.

(e) Superior gluteal nerve.

(f) Circle of willis.

(g) Musculo cutaneus nerve of arm.

(h) Structure of retina.

(i) Adductor magnus muscle.

(j) Supination and pronation.

[KO 905] **Sub. Code : 6111**

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION.

(Common to All Regulations)

(Common to BPT and BOT Examinations)

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 Questions : (2 × 15 = 30)

(1) Define CRANIAL NERVES, and mention the cranial nerves in order. Describe the course and relations and branches of FACIAL NERVE. Add a note on its applied anatomy.

(2) Explain in detail about the ARCHES OF THE FOOT under the following headings :

Definition, classification, formation, factors maintaining the arches, functions and applied anatomy.

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

(a) Triceps.

(b) Gross structure and blood supply of spleen.

(c) Medulla oblongata.

(d) Iliotibial tract.

(e) Inversion and Eversion of foot.

(f) Axillary nerve.

(g) Functions and structure of cerebellum.

(h) Pericardium.

(i) Histology of ovary.

(j) Gross structure of kidney and its blood supply.

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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 questions :

(1) Define JOINT. Explain the TEMPEROMANDIBULAR JOINT under the following headings.

Type, articular surfaces, ligaments, blood supply, nerve supply, movements and the muscles producing them. Add a note on its applied Anatomy. (20)

(2) Write in detail about the Extent, External structure, Internal structure, laminar arrangement, blood supply, venous drainage and Tracts of spinal cord. Add a note on its coverings and applied Anatomy. (15)

(3) Describe the vertebral coloumn under the following headings : (15)

(a) Parts of a typical vertebra.

(b) Parts and functions of intervertebral disc.

(c) Movements and muscles producing them.

(d) Curvature of the vertebral coloumn and its deformities.

II. Write short notes on the following : (6 × 5 = 30)

(a) Lumbricals of Hand.

(b) Ossification.

(c) Lobes of cerebrum.

(d) Right lung.

(e) Median nerve in the Hand.

(f) Trapezius.

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BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION.

(Common to All Regulations)

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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 questions :

(1) Define a joint. Explain the hip joint under the following headings.

Type, articular surfaces, ligaments, blood supply, movements and the muscles producing them. Add a note on its applied Anatomy. (20)

(2) Describe in detail the different parts of respiratory system. Add a note on its applied Anatomy. (15)

(3) Describe the sulci, gyri of cerebral hemisphere Mention their functional areas. Add a note on its applied anatomy. (15)

II. Write short notes on the following : (6 × 5 = 30)

(a) Common peroneal nerve.

(b) Epiphysis.

(c) Uterus and its supports.

(d) Quadriceps femoris.

(e) Blood supply of heart.

(f) Histology of Bone.

August-2007

[KR 905] **Sub. Code : 6111**

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION.

(Common to All Regulations)

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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 : (2 × 15 = 30)

(1) Describe in detail Radial Nerve under the following headings : (15)

Origin, Root value, Course and Relations, Branches and Distributions and Applied Anatomy.

(2) Describe the temporomandibular joint under the following headings : (15)

Type, Articulating bones, Articular surfaces, Capsule and Synovial membrane, Ligaments, Movements and the muscles producing them, Blood supply, Nerve supply and Applied anatomy.

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

(a) Deltoid

(b) Soleus

(c) Blood supply of heart

(d) Basal ganglion

(e) Stomach

(f) Lumbricals

(g) Sciatic nerve

(h) Pancreas

(i) Carpel tunnel syndrome

(j) Sternocleidomastoid.

FEBRUARY 2008

[KS 905] **Sub. Code : 6111**

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION.

(Common to All Regulations)

(Common to BPT and BOT Examinations)

ANATOMY

Q.P. Code : 746111

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 where necessary.

SECTION A

I. Essay questions : (2 × 15 = 30)

1. Describe the Spinal Cord under the following headings.

Position, Extent, Coverings, External features, Internal structures and Tracts. Add a note on its Applied Anatomy.

2. Explain shoulder joint under following headings

Type, Articulating bones, Articular surfaces, Ligaments, Relations, Movements and the muscles producing them, Blood supply, Nerve supply and Applied anatomy.

SECTION B

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

1. Sciatic nerve
2. Adductor magnus
3. Pancreas
4. Popliteal artery
5. Sternocleidomastoid
6. Carpal tunnel syndrome
7. Ankle joint
8. Brachialis
9. Spleen
10. Gluteus maximus.

AUGUST 2008

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ANATOMY

Q.P. Code : 746111

Time : Three hours **Maximum : 100 marks**

Answer ALL questions.

Draw suitable diagrams wherever necessary

I. Long Essay : (2 × 15 = 30)

1. Explain arches of foot under the following headings.

Types, Formation, Factors maintaining arch and its applied anatomy.

2. Describe the surfaces, borders, sulci, gyri and functional areas of the superolateral surface of cerebral hemispheres.

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

1. Foot drop.

2. Cerebellum.

3. Supinator.

4. Claw hand.

5. Popliteus muscle.

6. Vermiform appendix.

7. Femoral artery.

8. Circle of willis.

9. Elbow joint.

10. Right atrium.

III. Write short answers : (10 × 2 = 20)

1. Erb's palsy.

2. What is the Hilum of lung?

3. Write any two events that take place at sternal angle.

4. Muscles inserted into floor and lips of intertubercular (Bicipital) groove of humerus.

5. Write two differences between small and large intestine.

6. Where and how is the popliteal vein formed?

7. What is crutch paralysis?

8. What is inguinal canal?

9. What are the extraocular muscles of eye ball?

10. What is gall bladder? Give its parts.