

**B.Sc. PROSTHETICS AND ORTHOTICS
FIRST YEAR
PAPER I – ANATOMY**

Q.P. Code: 802401

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on:

(3 x 10 = 30)

1. Describe in detail on the type, articular surface, ligaments, relation and movements of the shoulder joint.
2. Describe in detail about the formation, course branch and applied anatomy of the Median nerve.
3. a) Valves of the heart.
b) Lumbar Plexus.

Write notes on:

(8 x 5 = 40)

1. Quadriceps femoris.
2. Erb's Palsy.
3. Cubital fossa.
4. Femoral Artery.
5. Sciatic nerve.
6. Classification of the Bone.
7. Broncho Pulmonary segments of the right lung.
8. Medial longitudinal arch.

III. Short answers on:

(10 x 3 = 30)

1. Patella.
2. Muscles attached to the ischial tuberosity.
3. Name the ligaments of knee joint.
4. Claw hand.
5. Name the major openings of the diaphragm.
6. Types of uniaxial joint with example.
7. Types of cartilage.
8. Peritoneum.
9. Boundaries of adductor canal.
10. Types of muscle with example.

BACHELOR IN PROSTHETICS AND ORTHOTICS

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Q.P. Code: 802401

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on:

(3 x 10 = 30)

1. Describe in detail on the longitudinal arches of the foot and add a note on its applied anatomy.
2. Classify joints. Write in detail on synovial joint and its type.
3. a) Femoral triangle.
b) Sensory distribution of hand.

Write notes on:

(8 x 5 = 40)

1. Biceps brachii.
2. Claw hand.
3. Femoral nerve and its branches.
4. Popliteal fossa.
5. Sartorius.
6. Valves of the heart.
7. Classification of Muscle.
8. Crutch Palsy.

III. Short answers on:

(10 x 3 = 30)

1. Achilles tendon.
2. Branches of brachial artery.
3. Formation of Median Nerve.
4. Name the ligaments of knee joint.
5. Lumbricals of hand.
6. Sesamoid of hand.
7. Movement in subtalar joint and muscles responsible for it.
8. Types of bone.
9. Name the branches of Lumbar plexus.
10. Relation of the Kidney.
