

**BACHELOR IN 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 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.

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