

[LJ 0816]

AUGUST 2016

Sub. Code :2401

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. Draw a labelled diagram of the heart. Add a note on the conducting system of heart.
2. Explain the formation of brachial plexus. Name its branches.
3. Classify joints. Draw a labelled diagram of a synovial joint. Name the movements possible in a synovial joint.

II. Write notes on:

(8 x 5 = 40)

1. Pectoralis major muscle – Attachments and action.
2. Explain about Patella.
3. Write about adipose tissue.
4. List parts of the kidney.
5. Types of Epithelia.
6. Parts and functions of pancreas.
7. Name the bones that form the ankle joint. Mention its movements.
8. Skeletal muscle tissue.

III. Short answers on:

(10 x 3 = 30)

1. Name the bones of axial skeleton.
2. What is the action of deltoid muscle?
3. Name three bones cells.
4. Mitochondria.
5. What is the action of lumbrical muscles in the hand?
6. Name the parts of femur.
7. What is the attachment and action of Quadriceps femoris muscle?
8. Name any three muscles attached to the humerus.
9. Name the carpal bones.
10. What is anatomical position?
