

TERMINAL EXAMINATION 1ST YEAR BPTb 2018-19**HUMAN ANATOMY****Total Duration: Section A+B = 3 hours****Date: 23/01/2019****Total Marks: 80****Instruction:**

1. Use blue/black ball point pen only.
2. Do not write anything on the blank portion of the question Paper. If written anything, such type of act will be considered an attempt to resort to unfair means.
3. All questions are compulsory.
4. The number to the right indicates full marks.
5. Draw diagrams wherever necessary.
6. Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
7. Use a common answer book for all Section.

SECTION — A SAQ (50 Marks)**Q. A. Short Answer Question. (Any five out of six)****(3x5=15)**

1. Functions of skin.
2. Laws of ossification.
3. Types of Epiphysis with one example of each.
4. Name the arteries supplying a long bone.
5. Draw and label a diagram depicting the histology of skeletal muscle.
6. Classify cartilaginous joints with one example each.

Q.B. Short Answer Question. (Any five out of six)**(7x5=35)**

1. Specify the superficial muscles of the forearm. Nerve supply and action of them.
2. Specify the attachments, nerve supply and action of triceps brachii muscle.
3. Specify the boundaries and content of axilla.
4. Write short note on flexor retinaculum and structure passing through it with the help of diagram.
5. Describe boundaries and content of cubital fossa.
6. Classify synovial joint.

SECTION —B LAQ (30 Marks)**Q.C. Long Answer Question.****(15x1=15)**

Describe shoulder joint under the following headings

- a. Types and articulating surfaces (3)
- b. Ligaments (3)
- c. Rotator cuff muscles and relations (3)
- d. Movements and muscle producing (3)
- e. Applied anatomy (3)

Q.D. Answer Question. (Any one out of two)**(15x1=15)**

1. Describe brachial Plexus under following heads.

- a. Formation of Brachial plexus along with its roots, trunks, division and cords. (5)
- b. Write note on Erb's paralysis and (5)
- c. Write note on Klumpke's paralysis. (5)

OR

2. Describe Median nerve under the following heads:

- a. Formation of Median nerve along with its root value. (3)
- b. Course and relation of Median nerve along with axillary artery in arm. (3)
- c. Course of Median nerve in forearm and hand and muscles supplying Median nerve in forearm and hand (3+3=6)
- d. Write notes on carpal tunnel syndrome. (3)

-X-X-X-X-X-X-X-