

First B.P.T.H. (2012) Examination, Summer - 2021
HUMAN ANATOMY

Total Duration : Section A+B = 3 Hours

Total Marks : 80

SECTION - A & SECTION - B

- Instructions :**
- 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 as 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 sections.

SECTION "A" (SAQ) (50 Marks)

1. Short answer question (**any five** out of six): **[5 × 3 = 15]**
 - a) Mention the parts and blood supply of the uterine tube.
 - b) Enumerate the branches of axillary artery.
 - c) Anterior relations of the right kidney.
 - d) Classification of cartilaginous joints.
 - e) Enumerate the extraocular muscles and mention their nerve supply.
 - f) Histology of skeletal muscle

2. Short answer question (**any five** out of six): **[5 × 7 = 35]**
 - a) Attachments, actions and nerve supply of the intercostal muscles.
 - b) Cubital fossa.
 - c) Movements of temporomandibular joint.
 - d) Morphology and relations of thyroid gland.
 - e) External and internal features of right atrium of heart.
 - f) Medial longitudinal arch of foot.

SECTION "B" (LAQ) (30 Marks)

3. Long answer question (**any one** out of two): [1 × 15 = 15]
- a) Describe the ulnar nerve under the following heads:
- i) Course and relations,
 - ii) Distribution and branches,
 - iii) Clinical anatomy.
- b) Describe hip joint under the following heads:
- i) Type and articular surfaces,
 - ii) Fibrous capsule and ligaments,
 - iii) Movements and muscles producing movements,
 - iv) Applied anatomy.
4. Long answer question (**any one** out of two) [1 × 15 = 15]
- a) Describe the facial nerve under following heads:
- i) Functional components and nuclei,
 - ii) Course and relations,
 - iii) Branches and distribution,
 - iv) Clinical anatomy.
- b) Describe the superolateral surface of cerebral hemisphere under the following heads:
- i) Sulci and gyri,
 - ii) Functional areas,
 - iii) Blood supply.

