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**First B.P.Th. (2012) Examination, Summer 2017
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 answerbook for **all** Sections.

**SECTION – A
(SAQ)**

(50 Marks)

1. Short answer question (**any five** out of six) :

(5×3=15)

- a) Name the structures forming stomach bed.
- b) Enumerate the constituents of spermatic cord.
- c) Enumerate the structures in the hilum of kidney.
- d) Specify the nerve supply of the extraocular muscles of the eyeball.
- e) Name the arteries supplying a long bone.
- f) Enumerate the branches of arch of aorta.

2. Short answer question (**any five** out of six) :

(5×7=35)

- a) Specify the attachments, nerve supply and actions of hamstring muscles.
- b) Explain the anatomical basis of deformity produced in Erb's paralysis.
- c) Specify the commencement, course and termination of left coronary artery.
- d) Specify the attachments, nerve supply and actions of sternocleidomastoid.
- e) Describe the curvatures of vertebral column.
- f) Specify the nerve supply and actions of interossei of hand.

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SECTION - B
(LAQ)

(30 Marks)

3. Long answer question (**any one** out of two) :

(1×15=15)

a) Describe the medial longitudinal arch of foot under the following headings :

- i) Formation
- ii) Factors responsible for maintenance
- iii) Functions
- iv) Clinical aspects.

b) Describe the median nerve under the following headings :

- i) Formation
- ii) Course
- iii) Distribution and branches
- iv) Applied aspects.

4. Long answer question (**any one** out of two) :

(1×15=15)

a) Describe the internal capsule under the following headings :

- i) Parts
- ii) Tracts passing through
- iii) Blood supply
- iv) Applied aspects.

b) Describe the fourth ventricle of the brain. Add a note on CSF circulation.
