

**First Year BPT Degree Regular/Supplementary Examinations**  
**August 2019**

**Paper I – Anatomy**  
**(2016 Scheme)**

**Time: 3 hrs****Max marks: 100**

- Answer all questions
- Draw diagrams wherever necessary

**Essays** **(2x15=30)**

1. Explain thalamus under the following headings:
  - External features
  - Thalamic nuclei and connections
  - Functions (5+5+5)
2. Describe the brachial plexus under:
  - Formation
  - Parts
  - Branches
  - Applied aspects (5+2.5+5+2.5)

**Short Essays** **(4x10=40)**

3. Popliteal fossa - boundaries, roof and floor, contents, relations, clinical aspects
4. Name the ventricles of brain. Describe in detail about production, circulation, absorption of cerebro spinal fluid
5. Explain Heart under following headings:
  - (a) External Features
  - (b) Internal features
  - (c) Blood Supply
6. Explain right lung under following headings:
  - (a) Borders and surfaces
  - (b) Lobes and Fissures
  - (c) Nerve supply.

**(10x3=30)**

7. Name the parts of uterus
8. Enumerate the meninges of brain
9. Name any three branches of internal carotid artery
10. Blood supply of kidney
11. Histology of cardiac muscle
12. Foot drop
13. Digastric muscle
14. Bronchopulmonary segment of left lung
15. Tibial collateral ligament
16. Coracoid process of scapula